



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003070 Transaction Set 242 Data Status Tracking

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
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¹ At Boulder, CO 80303.

² Some elements at Boulder, CO.

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The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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242 Data Status Tracking

Functional Group ID=**DS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Data Status Tracking Transaction Set (242) within the context of an Electronic Data Interchange (EDI) environment. This management transaction set is the vehicle by which the transmission status information is conveyed by a service request handler to the interchange sender, interchange receiver, or both; it can be used to provide status information regarding interchange as it flows from an interchange sender through one or more service request handlers to an interchange receiver during its transmission cycle. It can be used by the interchange sender or interchange receiver to request from a service request handler ad hoc or periodic reports containing status information regarding interchanges.

Notes:

1. *Within the Federal Government, the Data Status Tracking transaction set (242) is used for two events:*
 - A. *it conveys information from the TA3 that was generated by a VAN that received an interchange, and*
 - B. *it is used to provide acknowledgment information*
2. *It shall not be used to request or provide periodic reports containing status information regarding interchanges.*
3. *A single 242 transaction may be used to provide status on only a single interchange. Multiple status may be provided for that interchange within a single 242.*
4. *See Part 10 of the Federal Government Implementation Guidelines for a further discussion of the uses of the 242 in federal EDI.*

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
Not Used	030	IRP	Report Selection Segment	O	1		
Not Used	040	DTP	Date or Time or Period	O	10		c1
Not Used	050	REF	Reference Identification	O	10		c2
Not Used	060	MSG	Message Text	O	1		c3
LOOP ID - HL >1							
	070	HL	Hierarchical Level	O	1		c4
	080	IIS	Interchange Identification Segment	O	1		
	090	N1	Name	O	1		c5
Not Used	100	REF	Reference Identification	O	10		c6
Not Used	110	QTY	Quantity	O	>1		c7
LOOP ID - STS >1							
	120	STS	Interchange Status Segment	O	1		c8
	130	N1	Name	O	1		c9
Not Used	140	REF	Reference Identification	O	10		c10
	150	QTY	Quantity	O	>1		c11
Must Use	160	SE	Transaction Set Trailer	M	1		

Transaction Set Comments

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1. The DTP segment is used to provide date/times or date/time ranges associated with the report being requested or provided, for example the start and end dates and time of the report.
2. The REF segment contains reference numbers to further identify the report or specify the report request.
3. The MSG segment contains the report title.
4. HL identifies the appropriate hierarchical interchange level: HL03 indicates Interchange (IN), Functional Group (FG), Transaction Set (TS). All levels are optional. All heirarchical levels that are used must be used in the hierarchical order that they are listed.
5. The N1 segment identifies the source of the following status information.
6. The REF segment contains reference numbers assigned by the party identified in the N1 segment that further identifies the interchange, functional group or transaction set.
7. The QTY segments can be used to report aggregate counts (e.g., number of functional groups and segments) that were contained in the interchange, functional group or transaction set that is being tracked.
8. The STS segment provides status as reported by the source identified in the preceding N1 loop.
9. The N1 segment identifies the source of the status information included; provided only if the source is different from that in the HL loop N1 segment.
10. The REF segment provides reference numbers assigned by the party identified in the N1 segment that further identifies the status or error reported in STS (e.g., file number, message Id).
11. The QTY segments can be used to report aggregate counts from the status report that were contained in the interchange, functional group or transaction set that is being tracked.

Segment: **ST** Transaction Set Header
Position: 010
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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 242 Data Status Tracking	M ID 3/3
Must Use	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 <i>The originator's translation software usually assigns the transaction set control number. Originating organizations may use any numbering scheme consistent with their business practices, however, the scheme must provide sufficient uniqueness to identify each transaction set. This same number is carried in SE02.</i>	M AN 4/9

Segment: **BGN** Beginning Segment

Position: 020

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.
 6 BGN10 is related to the date in BGN03.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
			00 Original <i>Use to indicate that this is the initial submission of a Data Status Tracking (242) transaction set.</i>	
			01 Cancellation <i>Use to cancel a previously transmitted Data Status Tracking (242) transaction set. Cite the canceled transaction set's Reference Identification in BGN06.</i>	
			05 Replace <i>Use to completely replace a previously transmitted Data Status Tracking (242) transaction set. All data contained in the replaced transaction set shall be overwritten. Cite the replaced transaction set's Reference Identification in BGN06.</i>	
Must Use	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Cite a unique reference number assigned to this submission of Data Status Tracking information by the originator.</i>	M AN 1/30
Must Use	BGN03	373	Date Date (YYMMDD) <i>Cite the UTC date this 242 transaction set was originated.</i>	M DT 6/6
Must Use	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) <i>Cite the UTC time this 242 transaction set was originated in HHMM format.</i>	X TM 4/8
Not Used	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	BGN06	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30

1. Do not use when BGN01 cites code 00.

2. When BGN01 cites code 01, enter the Reference Identification (BGN02) of the Data Status Tracking (242) transaction set being canceled.

3. When BGN01 cites code 05, enter the Reference Identification (BGN02) of the Data Status Tracking (242) transaction set being replaced.

BGN07 640 Transaction Type Code O ID 2/2

Code specifying the type of transaction

DS

Disposition

Use to indicate the transaction is providing interchange status in accordance with the acknowledgment model contained in Part 10 of the Federal Government Implementation Guidelines.

Not Used BGN08 306 Action Code O ID 1/2

Code indicating type of action

Not Used BGN09 786 Security Level Code O ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Not Used BGN10 624 Century O N0 2/2

The first two characters in the designation of the year (CCYY)

Segment: **HL** Hierarchical Level

Position: 070

Loop: HL Optional

Level:

Usage: Optional

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

Comments:

- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
- 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

A single 242 transaction may be used to provide status on only a single interchange. Therefore, the HL Loop will be used only once.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure <i>Enter the number 1.</i>	M AN 1/12
Not Used	HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O AN 1/12
Must Use	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure IN Interchange	M ID 1/2
Not Used	HL04	736	Hierarchical Child Code Code indicating if there are hierarchical child data segments subordinate to the level being described	O ID 1/1

Segment:	IIS Interchange Identification Segment
Position:	080
Loop:	HL Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To uniquely identify interchange control structures
Syntax Notes:	
Semantic Notes:	1 IIS02, IIS03, IIS04, IIS05, IIS06, IIS07, and IIS08 identify the interchange control structure being reported. 2 IIS09, IIS10, IIS11, and IIS12 are used to report additional control structure identification codes.

Comments:**Notes:**

Use this Interchange Identification Segment (IIS) to identify the interchange for which status is being provided in subsequent Interchange Status Segment (IIS) loops(s).

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	IIS01	I44	Reported Start Segment ID	O AN 2/3
			This contains the start segment ID of the original interchange, functional group or transaction set	
			<i>For ANSI ASC X12 interchanges, the start segment ID is always ISA.</i>	
Must Use	IIS02	I45	Reported Control Number	O AN 1/14
			This is the control number value of the original interchange, functional group or transaction set	
			<i>Cite the control number assigned in the original interchange control header (appearing in ISA13) for which status is being provided. With this control number, this IIS loop of the 242 is linked to the original interchange envelope.</i>	
Must Use	IIS03	I46	Reported Date	O AN 1/8
			This is the date value of original interchange or functional group	
			<i>Cite the date appearing in ISA09 of the interchange for which status is being provided.</i>	
Must Use	IIS04	I47	Reported Time	O AN 1/8
			This is the time value of original interchange or functional group	
			<i>Cite the time appearing in ISA10 of the interchange for which status is being provided.</i>	
Must Use	IIS05	I48	Reported Interchange Sender ID Qualifier	O AN 1/4
			This is the sender ID qualifier value appearing in original interchange	
			<i>Cite the value appearing in ISA05 of the interchange for which status is being provided.</i>	
Must Use	IIS06	I49	Reported Sender ID	O AN 1/35
			This is the sender ID value of original interchange or functional group	
			<i>Cite the value appearing in ISA06 of the interchange for which status is being provided.</i>	
Must Use	IIS07	I50	Reported Interchange Receiver ID Qualifier	O AN 1/4
			This is the receiver ID qualifier value appearing in original interchange	
			<i>Cite the value appearing in ISA07 of the interchange for which status is being provided.</i>	
Must Use	IIS08	I51	Reported Receiver ID	O AN 1/35
			This is the receiver ID value of original interchange or functional group	
			<i>Cite the value appearing in ISA08 of the interchange for which delivery notice is being provided.</i>	
Not Used	IIS09	I52	First Reference ID Qualifier	O AN 1/4
			This is the ID qualifier appearing in original interchange	
Not Used	IIS10	I53	First Reference ID	O AN 1/14
			This contains information from the original interchange, as defined by the First	

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			Reference ID Qualifier data element	
Not Used	IIS11	I54	Second Reference ID Qualifier	O AN 1/4
			This contains ID qualifier information appearing in original interchange	
Not Used	IIS12	I55	Second Reference ID	O AN 1/14
			This contains information from the original interchange, as defined by the Second Reference ID Qualifier data element	
Not Used	IIS13	I61	Message Direction Code	O ID 1/1
			Code identifying whether the reported transactions have been sent and/or received by Data Status Tracking report recipient	
Not Used	IIS14	I64	Reported Group or Transaction Identifier	O AN 2/6
			This contains the functional group or transaction set identifier code of the reported functional group or transaction set	

Segment: **N1** Name

Position: 090

Loop: HL Optional

Level:

Usage: Optional

Max Use: 1

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

Syntax Notes:

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

Semantic Notes:

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.
- 2 N105 and N106 further define the type of entity in N101.

Notes: *Use this N1 segment to cite the originator of this transaction.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
			FR Message From	
Not Used	N102	93	Name Free-form name	X AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
			<i>D-U-N-S (Code 1) or D-U-N-S+4 (Code 9) are preferred.</i>	
		1	D-U-N-S Number, Dun & Bradstreet	
		2	Standard Carrier Alpha Code (SCAC)	
		4	International Air Transport Association (IATA)	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		33	Commercial and Government Entity (CAGE)	
		ZZ	Mutually Defined	
			<i>Use to indicate UCC EDI Communications ID (Comm ID).</i>	
	N104	67	Identification Code Code identifying a party or other code	X AN 2/20
			<i>1. Cite the Identification Code of the originator of the following status information.</i>	
			<i>2. If the originator and source of the status information are different, the source of the status information is identified in the 1/N1/130 segment.</i>	
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3

Segment: **STS** Interchange Status Segment
Position: 120
Loop: STS Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To identify activity taken with an interchange
Syntax Notes:
Semantic Notes:
Comments: 1 If the time code is omitted, the qualifier will be assumed to be universal time coordinate (UTC).

Notes: *This STS loop can be repeated as many times as necessary to provide multiple status conditions related to the interchange being reported.*

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
Must Use	STS01	I40	Action Code	M ID 2/2
			This is a code indicating the action taken on the interchange or functional group by the service request handler or the receiver	
			<i>Cite the action code for the status being reported within this iteration of the STS loop.</i>	
			AK	Transfer to the Next Service Request Handler has been Acknowledged
			BH	Transfer to Service Request Handler not Capable of Reporting Further Status
			DL	Delivered Interchange by Service Request Handler
			PU	Purged by Interchange Receiver
			RD	Redirected by Service Request Handler to an Alternate Receiver as Identified in the Reference Code
			RF	Refused by Interchange Receiver
			RJ	Rejected by Service Request Handler; See Error Reason Code for Cause
			RT	Retrieved Interchange by Receiver
			TR	Transferred to Next Service Request Handler by Service Request Handler, but not yet Acknowledged
Must Use	STS02	I41	Action Date	M DT 6/6
			This is the UTC date when the service request handler took action on the reported interchange or functional group	
			<i>Cite the UTC date the action reported in STS01 was accomplished.</i>	
Must Use	STS03	I42	Action Time	M TM 4/6
			This is the UTC time when the service request handler took action on the reported interchange or functional group	
			<i>1. Cite the UTC time the action reported in STS01 was accomplished.</i>	
			<i>2. Express time in a four-position (HHMM) format.</i>	
Not Used	STS04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	STS05	624	Century	O NO 2/2

STS06

I43

The first two characters in the designation of the year (CCYY)

Error Reason Code**O ID 3/3**

The code indicates the error found or not found in processing the control structure or in delivery

If STS01 is code RJ, cite the applicable error code.

000	No Errors
001	The Interchange Control Number in the Header and Trailer Do not Match; the Value from the Header is used in the Acknowledgment
002	This Standard as Noted in the Control Standards Identifier is not Supported
003	This Version of the Controls is not Supported
004	The Segment Terminator is Invalid
005	Invalid Value as Shown in the Reported Interchange Control Number
006	Invalid Value as Shown in the Reported Interchange Date
007	Invalid Value as Shown in the Reported Interchange Time
008	Invalid Value as Shown in the Reported Interchange Sender ID Qualifier
009	Invalid Value as Shown in the Reported Interchange Sender ID
010	Invalid Value as Shown in the Reported Interchange Receiver ID Qualifier
011	Invalid Value as Shown in the Reported Interchange Receiver ID
016	Trading Partnership not Established
017	Invalid Number of Included Groups Value
018	Invalid Control Structure
019	Improper (Premature) End-of-file (Transmission)
020	Duplicate Interchange Control Number
021	Invalid Data Element Separator
022	Invalid Component Element Separator
023	Failure to Transfer Interchange to the next Service Request Handler
031	Receiver Not On-line
032	Abnormal Conditions

Segment:	N1 Name
Position:	130
Loop:	STS Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
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. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Use to identify the source of the status information if different from that identified in the 1/N1/090 segment.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual HQ Source Party of Information	M ID 2/3
Not Used	N102	93	Name Free-form name	X AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <i>D-U-N-S (Code 1) or D-U-N-S+4 (Code 9) are preferred.</i> 1 D-U-N-S Number, Dun & Bradstreet 2 Standard Carrier Alpha Code (SCAC) 4 International Air Transport Association (IATA) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE) ZZ Mutually Defined <i>Use to indicate UCC EDI Communications ID (Comm ID).</i>	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code <i>Cite the Identification Code of the source of the following status information.</i>	X AN 2/20
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3

Segment: QTY Quantity
Position: 150
Loop: STS 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:
Notes:

1. This QTY segment may be used to report the number of items listed in QTY01 observed by the reporting organization.

2. This segment can not be used when the interchange status information provided in the preceding STS segment forwards information received from another service provider via a TA3.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2
			2T Electronic Signatures	
			2U Bytes	
			2W Segments	
			2Y Functional Groups	
			2Z Transaction Sets	
Must Use	QTY02	380	Quantity Numeric value of quantity	X R 1/15
			<i>Enter the number of the items specified in QTY01 observed by the reporting organization.</i>	
Not Used	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Not Used	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00111	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00112	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00113	355	Unit or Basis for Measurement Code		O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00114	1018	Exponent		O	R 1/15
			Power to which a unit is raised			
Not Used	C00115	649	Multiplier		O	R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	QTY04	61	Free-Form Message		X	AN 1/30
			Free-form information			

Segment: SE Transaction Set Trailer
Position: 160
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>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	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 <i>Cite the same number as that carried in ST02.</i>	M AN 4/9

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