

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003070 Transaction Set 242 Data Status Tracking

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
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¹At Boulder, CO 80303.

²Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office Standard Management Committee - Secretariat National Institute of Standards and Technology Gaithersburg, MD 20899-0001

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Reports on Information Technology

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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Functional Group ID= ${f DS}$

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.

Must Use	Pos. No. 010	Seg. <u>ID</u> ST	Name Transaction Set Header	Req. <u>Des.</u> M	Max.Use	Loop Notes and Repeat Comments
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	er and som words c4
	080	IIS	Interchange Identification Segment	0	1	
	090	Nl	Name	O	1	c5
Not Used	100	REF	Reference Identification	О	10	c 6
Not Used	110	QTY	Quantity	O	>1	c7
			LOOP ID - STS			>1
	120	STS	Interchange Status Segment	Õ	acceptances, security army various as	c8
	130	N1	Name	0	1	c9
Not Used	140	REF	Reference Identification	O	10	c10
	150	QTY	Quantity	O	>1	c11
Must Use	160	SE	Transaction Set Trailer	М	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.

ST Transaction Set Header Segment:

010 Position:

Loop:

Level:

Usage: Mandatory

Max Use:

Purpose:

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

Syntax Notes:

Semantic Notes:

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			
	Ref.	Data				
	Des.	Element	<u>Name</u>	<u>Attributes</u>		
Must Use	ST01	143	143 Transaction Set Identifier Code Code uniquely identifying a Transaction Set M ID 3/3			
			242 Data Status Tracking			
Must Use ST02		329	Transaction Set Control Number	M AN 4/9		
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
		The originator's translation software usually assigns the transaction set control number. Originating organizations may use any numbering sche consistent with their business practices, however, the scheme must provid sufficient uniqueness to identify each transaction set. This same number carried in SE02.				

BGN Beginning Segment Segment:

020 Position:

Loop:

Level:

Mandatory Usage:

Max Use:

To indicate the beginning of a transaction set Purpose: **Syntax Notes:** If BGN05 is present, then BGN04 is required. BGN02 is the transaction set reference number. **Semantic Notes:** 1

BGN03 is the transaction set date. 3 BGN04 is the transaction set time.

BGN05 is the transaction set time qualifier.

BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

BGN10 is related to the date in BGN03.

Comments:

			Data Ele	ment Summary		
Must Use	Ref. <u>Des.</u> BGN01	Data Element 353	Name Transaction Set 2 Code identifying	Purpose Code purpose of transaction set	Att M	ributes ID 2/2
			00	Original		
			01	Use to indicate that this is the initial s Data Status Tracking (242) transaction Cancellation		- 02
			05	Use to cancel a previously transmitted Tracking (242) transaction set. Cite transaction set's Reference Identificate Replace	the ca	inceled
				Use to completely replace a previously Data Status Tracking (242) transaction contained in the replaced transaction overwritten. Cite the replaced transaction Reference Identification in BGN06.	on sei	t. All data hall be
Must Use	BGN02	127	specified by the R Cite a unique refe	* 1000 At 100 MO TO AT AT AT A TO		
Must Use	BGN03	373	Date Date (YYMMDD		M	DT 6/6
			Cite the UTC date	e this 242 transaction set was originated.	777	
Must Use	BGN04	337	HHMMSSD, or H 59), S = integer se are expressed as f	a 24-hour clock time as follows: HHMM, HHMMSSDD, where H = hours (00-23), Neconds (00-59) and DD = decimal seconds follows: D = tenths (0-9) and DD = hundre this 242 transaction set was originated	M = m s; dec	ninutes (00- imal seconds (00-99)
Not Used	BGN05	623	Time Code Code identifying to Organization standin hours in relation	the time. In accordance with International dard 8601, time can be specified by a + on to Universal Time Coordinate (UTC) tirer, + and - are substituted by P and M in the	O Stand r - and me; si	ID 2/2 dards d an indication nce + is a
	BGN06	127	Reference Identification Reference information	· ·	0	AN 1/30

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242 Data Stat	tus Tracking		2. When BGN01 of the Data Statu 3. When BGN0	nen BGN01 cites code 00. cites code 01, enter the Reference Identi cs Tracking (242) transaction set being ca cites code 05, enter the Reference Identi cs Tracking (242) transaction set being re	ncele ificat	ed. ion (BGN02)
	BGN07 640		Transaction Typ		0	ID 2/2
			Code specifying	the type of transaction		
			DS	Disposition		
				Use to indicate the transaction is pro-	viding	* **
				interchange status in accordance with		
				acknowledgment model contained in		
				Federal Government Implementation	Guid	men or stransvers.
Not Used	BGN08	306	Action Code		O	ID 1/2
			Code indicating t	ype of action		
Not Used	BGN09	786	Security Level C	Code	O	ID 2/2
			Code indicating t information follo	he level of confidentiality assigned by the wing	sende	er to the
Not Used	BGN10	624	Century	Č	O	N0 2/2
			•	racters in the designation of the year (CCY	Y)	

Segment: Hierarchical Level

Position: 070

Loop: HL Optional

Level:

Usage: Optional

Max Use:

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.

	Ref.	Data			
	Des.	Element	<u>Name</u>	Attr	<u>ributes</u>
Must Use	HL01	628	Hierarchical ID Number	M	AN 1/12
			A unique number assigned by the sender to identify a partic in a hierarchical structure Enter the number 1.	ular d	lata segment
NT / TT 1	TTY 0.0	504	and which is a supplied to the contract of the		Nandana
Not Used	HL02	734	Hierarchical Parent ID Number	O	AN 1/12
			Identification number of the next higher hierarchical data se segment being described is subordinate to	gmen	it that the data
Must Use	HL03	735	Hierarchical Level Code	\mathbf{M}	ID 1/2
			Code defining the characteristic of a level in a hierarchical s	tructi	are
			IN Interchange		
Not Used	HL04	736	Hierarchical Child Code Code indicating if there are hierarchical child data segments level being described	O subo	ID 1/1 ordinate to the

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).

	D.f	Data	Data Element Summary		
	Ref. Des.	Element	Name	Att	<u>ributes</u>
Must Use	IIS01	I44	Reported Start Segment ID	0	AN 2/3
What Osc	11501		This contains the start segment ID of the original interchange or transaction set For ANSI ASC X12 interchanges, the start segment ID is	ge, fui	nctional group
Must Use	IIS02	145	Reported Control Number	O	AN 1/14
Wiust Ose	11502	143	This is the control number value of the original interchange or transaction set	, func	tional group
			Cite the control number assigned in the original interchan (appearing in ISA13) for which status is being provided. Venumber, this IIS loop of the 242 is linked to the original intervelope.	Vith t	his control
Must Use	IIS03	I46	Reported Date	O	AN 1/8
			This is the date value of original interchange or functional g	roup	
			Cite the date appearing in ISA09 of the interchange for winder provided.	hich s	status is being
Must Use	IIS04	I47	Reported Time	0	AN 1/8
			This is the time value of original interchange or functional g	group	
			Cite the time appearing in ISA10 of the interchange for w. provided.	hich s	status is being
Must Use	1ust Use IIS05 I48		Reported Interchange Sender ID Qualifier This is the sender ID qualifier value appearing in original in	O iterch	AN 1/4 ange
			Cite the value appearing in ISA05 of the interchange for v being provided.	vhich	
Must Use	IIS06	149	Reported Sender ID	0	AN 1/35
			This is the sender ID value of original interchange or function		•
			Cite the value appearing in ISA06 of the interchange for value provided.	vhich	, 11.1, 400 0000000000000000000000000000000000
Must Use	IIS07	150	Reported Interchange Receiver ID Qualifier	0	AN 1/4
			This is the receiver ID qualifier value appearing in original		
			Cite the value appearing in ISA07 of the interchange for v being provided.	vhich	
Must Use	IIS08	I51	Reported Receiver ID	0	AN 1/35
			This is the receiver ID value of original interchange or func		•
			Cite the value appearing in ISA08 of the interchange for value is being provided.	vhich	
Not Used	IIS09	152	First Reference ID Qualifier This is the ID qualifier appearing in original interchange	0	AN 1/4
Not Used	IIS10	I53	First Reference ID	O	AN 1/14
			This contains information from the original interchange, as	define	ed by the First
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Second Reference ID Qualifier data element

Not Used IIS13

I61

Message Direction Code
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 Elem	ent Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>		Att	<u>ributes</u>
Must Use	N101	98	Entity Identifier C	Code	M	ID 2/3
			Code identifying an individual	n organizational entity, a physical location	n, pr	operty or an
			FR	Message From		
Not Used	N102	93	Name Free-form name		X	AN 1/60
	N103	66	Identification Cod	e Qualifier	X	ID 1/2
			Code designating the Code (67)	ne system/method of code structure used	for I	dentification
			D-U-N-S (Code 1)	or D-U-N-S+4 (Code 9) are preferred.		
			1	D-U-N-S Number, Dun & Bradstreet		24+ 10-40.000,000,000
			2	Standard Carrier Alpha Code (SCAC)		
			4	International Air Transport Association	n (IA	TA)
			9	D-U-N-S+4, D-U-N-S Number with F Suffix	our C	Character
			10	Department of Defense Activity Addre (DODAAC)	ess C	ode
			33	Commercial and Government Entity (CAG	E)
			ZZ	Mutually Defined		
				Use to indicate UCC EDI Communica ID).	ation	s ID (Comm
	N104	67	Identification Cod	e	X	AN 2/20
			Code identifying a	party or other code		
			information. 2. If the originator	and source of the status information ar	e dif	ferent, the
BT A TT. I	N1105	707	Supplied to the commence of th	s information is identified in the 1/N1/1	30 se	
Not Used	N105	706	Entity Relationship Code describing ent	•	U	ID 2/2
Not Used	N106	98	Entity Identifier C	-	0	ID 2/3
2100 0000	1,100		•	organizational entity, a physical location	~	

242 Data	Status	Tracking

Segment: STS Interchange Status Segment

Position: 120

Loop: STS Optional

Level:

Usage: Optional Max Use: 1

Purpose: T

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.

		conditio	ns related to the in	terchange being reported.
			Data Ele	ement Summary
Ref. <u>Des.</u> Must Use STS01		Des. Element	group by the serv	Attributes M ID 2/2 dicating the action taken on the interchange or functional rice request handler or the receiver ode for the status being reported within this iteration of the
			AK BH	Transfer to the Next Service Request Handler has been Acknowledged 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 TR	Retrieved Interchange by Receiver Transferred to Next Service Request Handler by Service Request Handler, but not yet Acknowledged
Must Use	STS02	I41	reported intercha	M DT 6/6 date when the service request handler took action on the nge or functional group te the action reported in STS01 was accomplished.
Must Use	STS03	I42	reported intercha	M TM 4/6 ime when the service request handler took action on the nge or functional group time the action reported in STS01 was accomplished.
			2. Express time	in a four-position (HHMM) format.
Not Used	STS04	623	Organization star in hours in relation	the time. In accordance with International Standards adard 8601, time can be specified by a + or - and an indication on to Universal Time Coordinate (UTC) time; since + is a er, + and - are substituted by P and M in the codes that follow
Not Used	STS05	624	Century	O N0 2/2
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The first two characters in the designation of the year (CCYY)

STS06 I43 Error Reason Code O ID 3/3

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

	ire or midelive	
If STS	101 is code RJ	, cite the applicable error code.
00	, ,	No Errors
00	1	The Interchange Control Number in the Header and
		Trailer Do not Match; the Value from the Header is
		used in the Acknowledgment
00)2	This Standard as Noted in the Control Standards
00	3	Identifier is not Supported This Version of the Controls is not Supported
00		The Segment Terminator is Invalid
00		Invalid Value as Shown in the Reported Interchange
		Control Number
00	6	Invalid Value as Shown in the Reported Interchange
		Date
00	7	Invalid Value as Shown in the Reported Interchange Time
00	8	Invalid Value as Shown in the Reported Interchange
		Sender ID Qualifier
00	9	Invalid Value as Shown in the Reported Interchange Sender ID
01	0	Invalid Value as Shown in the Reported Interchange
		Receiver ID Qualifier
01	1	Invalid Value as Shown in the Reported Interchange Receiver ID
01	6	Trading Partnership not Established
01	7	Invalid Number of Included Groups Value
01	8	Invalid Control Structure
01	9	Improper (Premature) End-of-file (Transmission)
02	0	Duplicate Interchange Control Number
02	1	Invalid Data Element Separator
02	2	Invalid Component Element Separator
02	3	Failure to Transfer Interchange to the next Service
		Request Handler
03	1	Receiver Not On-line
03	2	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: Use to identify the source of the status information if different from that identified in the 1/N1/090 segment.

			Data Elen	nent Summary				
	Ref.	Data						
	Des.	Element	Name		Att	<u>ributes</u>		
Must Use	N101	98	Entity Identifier (M	ID 2/3		
				n organizational entity, a physical location	on, pr	n, property or an		
			individual					
			HQ	Source Party of Information				
Not Used	N102	93	Name		X	AN 1/60		
			Free-form name					
	N103	66	Identification Cod	le Qualifier	X ID 1/2			
			Code designating t	nating the system/method of code structure used for Ider				
			Code (67)					
			D-U-N-S (Code 1)	or D-U-N-S+4 (Code 9) are preferred.				
			1 D-U-N-S Number, Dun & Bradstreet					
			2	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 Addr	ess C	ode		
				(DODAAC)				
			33	Commercial and Government Entity (CAG	E)		
			ZZ	Mutually Defined				
				Use to indicate UCC EDI Communic	ation	s ID (Comm		
				ID).	6 200 24	and the same of th		
	N104	67	Identification Cod	le	X	AN 2/20		
			Code identifying a	party or other code				
			Cite the Identificat	tion Code of the source of the following	statu	us & Committee of the C		
			information.	en announce and the control of the c				
Not Used	N105	706	Entity Relationship Code O		ID 2/2			
			Code describing en	ntity relationship				
Not Used	N106	98	Entity Identifier (0	ID 2/3		
				n organizational entity, a physical location	on, pr	operty or an		
			individual					

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.

	D.f	D-4-	Data Elei	nent Summary			
	Ref.	Data	Nama		A 44		
Must Use	<u>Des.</u> QTY01	Element 673	Name Ouantity Qualific) for	M	<u>ributes</u> ID 2/2	
Must Use	QTIOI	073	Quantity Qualifier Code specifying the type of quantity			1D 2/2	
			2T	Electronic Signatures			
			2U				
				Bytes			
			2W	Segments			
			2Y	Functional Groups			
			2Z	Transaction Sets			
Must Use	QTY02	380	Quantity		X	R 1/15	
			Numeric value of			M. M. W.	
			Enter the number organization.	of the items specified in QTY01 obser	ved by	the reporting	
Not Used	QTY03	C001	Composite Unit o	f Measure	0	****	
			To identify a composite unit of measure (See Figures Appendix for examples				
			of use)				
Not Used	C00101	355		Measurement Code	M	ID 2/2	
				ne units in which a value is being expre	ssed, or	manner in	
NI-4 TI I	C00103	1010	which a measurem	ent has been taken	0	D 1/15	
Not Used	C00102	1018	Exponent Power to which a	unit is raised	O	R 1/15	
Not Used	C00103	649		unit is faiscu	0	R 1/10	
Not Oseu	C00103	049	Multiplier Value to be used a	s a multiplier to obtain a new value	O	K 1/10	
Not Used	C00104	355		Measurement Code	0	ID 2/2	
				ne units in which a value is being expre-	ssed, or	manner in	
	~			ent has been taken	_	D 445	
Not Used	C00105	1018	Exponent	- 1/1 1 1 1 - 1	O	R 1/15	
NI ATT I	G00106	(40	Power to which a	unit is raised	0	D 1/10	
Not Used	C00106	649	Multiplier	s a multiplier to obtain a new value	О	R 1/10	
Not Used	C00107	355		Measurement Code	0	ID 2/2	
Not Oseu	C00107	333		ne units in which a value is being expre			
				ent has been taken	3300, 01	manner m	
Not Used	C00108	1018	Exponent		0	R 1/15	
			Power to which a	unit is raised			
Not Used	C00109	649	Multiplier		0	R 1/10	
				s a multiplier to obtain a new value			
Not Used	C00110	355	Unit or Basis for	Measurement Code	0	ID 2/2	
003070F242	_0			13		15 July 1997	

242 Data Sta	tus Tracking				
			Code specifying the units in which a value is being expressible which a measurement has been taken	sed, or	manner in
Not Used	C00111	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expres which a measurement has been taken	O ssed, or	ID 2/2 manner in
Not Used	C00114	1018	Exponent Power to which a unit is raised	О	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X	AN 1/30

Segment: SE Transaction Set Trailer

Position: 160

Loop:

Level:

Usage: Mandatory

Max 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)

Syntax Notes:

Semantic Notes:

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

			v			
	Ref.	Data				
	Des.	Element	<u>Name</u>	Attributes		
Must Use	SE01	96	Number of Included Segments	\mathbf{M}	N0 1/10	
			Total number of segments included in a transaction set inclusegments	ıding	ST and SE	
Must Use	SE02	329	Transaction Set Control Number	M	AN 4/9	
			Identifying control number that must be unique within the transaction set			
			functional group assigned by the originator for a transaction set			
			Cite the same number as that carried in ST02.			







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