TN/Appointment Cancellation Transaction Cycle
Table of Contents

10. TN/Appointment Cancellation Transaction Cycle

10.1 Business Description

Appointments that have been scheduled and TNs that have been reserved may be canceled or returned by a CLEC to Qwest electronically by submitting an EDI Cancel transaction.

10.2 Business Model

Cancellation Transaction

The Cancellation Transaction provides a means for the Co-Provider to cancel a confirmed appointment or a TN reservation that is no longer needed and to be released for re-use in a timely manner.

Cancellation Transaction
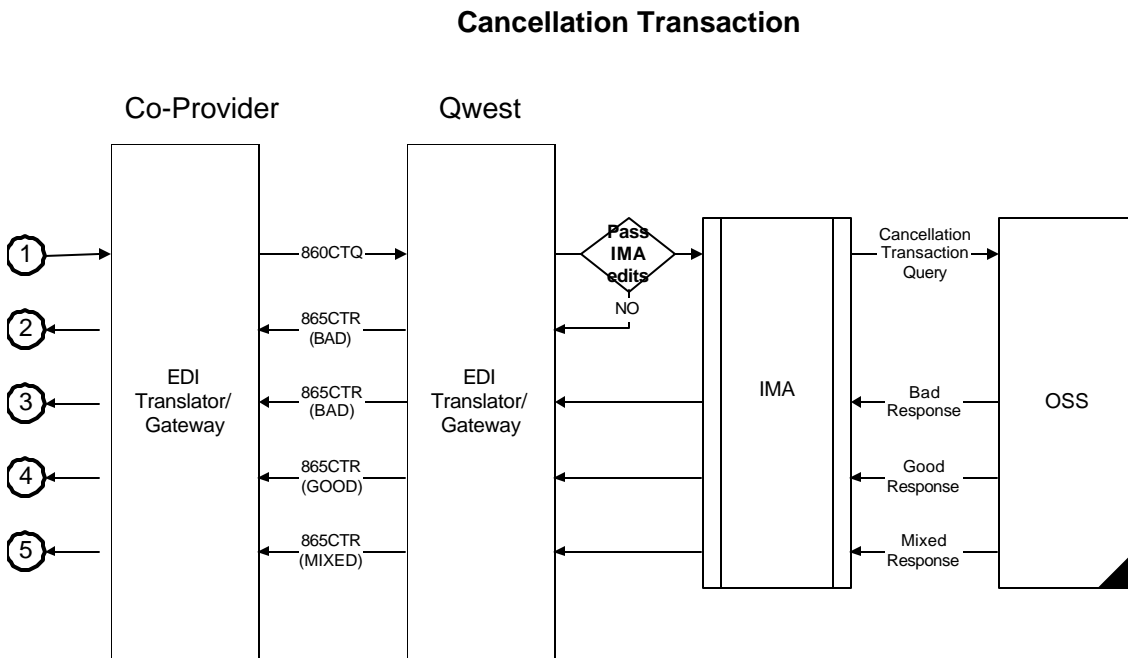
1. The Co-Provider submits an 860CTQ to cancel a confirmed appointment or TN assignment. To cancel an appointment, the INQRES NBR is required. To cancel a TN reservation, the TN is required.

2. If the 860CTQ fails the IMA edits, 865CTR (BAD) will be returned.

   If the 860CTQ passes the IMA edits, the query will be sent to the Operations Support System (OSS). This system will respond with one of three conditions: GOOD, BAD, or MIXED.

3. 865CTR (BAD) will be returned when the 860CTQ encounters an error(s) with the OSS.

4. An 865CTR (GOOD) will be returned when the appointment or the TN reservation has been successfully released.

5. An 865CTR (MIXED) will be returned when at least one TN can be returned, but an error is encountered in the OSS while attempting to return one or more of the other TNs.

10.3 Developer Worksheets

See Appendix A - Developer Worksheets - PreOrder

10.4 Trading Partner Access Information

PRE-ORDER FUNCTION	PRODUCT ID
Cancellation Query	860CTQ
Cancellation Response	865CTR

10.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

Separate maps have been created per pre-ordering function. EDI envelopes are used for the initiation of translation processing and to invoke the correct map. In order to optimize interactive performance, the Co-Provider and Qwest agree to include only one transaction set per Functional Group, and one Functional Group per Interchange.

The Interchange envelope provides the Interchange Sender ID and Receiver ID information for EDI transport to deliver the transmission for external routing. The Functional Group Envelope routes the enclosed transaction set's output after translation to a specific application or application interface.

The Application Sender's Code (GS02) and Receiver's Code (GS03) are the linkage from the Functional Group Envelope to the translator's trading partner profile/relationship database in which the proper mapping and routing information are stored. In addition, the Functional Identifier Code (GS01) is the code identifying a group application related transaction sets.

10.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

- The ISA segment is the Interchange Control Header.
  Purpose: To start and identify an interchange of zero or more functional groups and interchange related control segments.
- The IEA segment is the Interchange Control Trailer.
  Purpose: To define the end of an interchange of zero or more functional groups and interchange related control segments.

The Co-Provider and Qwest agree to the following routing information:

	SENT TO Qwest	RECEIVED FROM Qwest
ISA01	*'00' (No Authorization information present)*	*'00' (No Authorization information present)*
ISA02	**Spaces** *(Authorization information)*	**Spaces** *(Authorization information)*
ISA03	*'00' (No Security information is present)*	*'00' (No Security information is present)*
ISA04	**Spaces** *(Security Information)*	**Spaces** *(Security information)*
ISA05	*Co-Provider TP qualifier*	*'ZZ' (Mutually Defined)*
ISA06	*Co-Provider TP ID*	*'QWESTP' (Note: This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)*
ISA07	*'ZZ' (Mutually Defined)*	*Co-Provider TP qualifier*
ISA08	*'QWESTP' (Note: This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)*	*Co-Provider TP ID*

ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD
ISA10	Time of the interchange. HHMM (24 Hour Clock)	Time of the interchange. HHMM (24 Hour Clock)
ISA11	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)
ISA12	'00402' (Interchange Version ID)	'00402' (Interchange Version ID)
ISA13	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number
ISA14	'0' (No acknowledgment requested)	'0' (No acknowledgment requested
ISA15	'P' (Production data)	'P' (Production data)
ISA16	'0x1f' (Sub-element Separator)	'0x1f' (Sub-element Separator)

10.4.3 GS TABLE INFORMATION

ANSI X12 GS and GE segment definitions:

- The GS segment is the Functional Group Header.
  Purpose: To indicate the beginning of a functional group and provide control information.
- The GE segment is the Functional Group Trailer.
  Purpose: To indicate the end of a functional group and provide control information.

The Co-Provider and Qwest agree to the following routing information:

	SENT TO Qwest	**RECEIVED FROM Qwest**
GS01	*SEE GS TABLE BELOW*	*SEE GS TABLE BELOW*
GS02	Co-Provider TP ID	*SEE GS TABLE BELOW*
GS03	*SEE GS TABLE BELOW*	Co-Provider TP ID
GS04	Date of the functional group. CCYYMMDD	Date of the functional group. CCYYMMDD
GS05	Time of the functional group. HHMM (24 hour clock)	Time of the functional group. HHMM (24 hour clock)
GS06	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number
GS07	'X' (Accredited Standards Committee X-12)	'X' (Accredited Standards Committee X-12)
GS08	'004020' (Version)	'004020' (Version)

GS TABLE:

PRE ORDERING FUNCTION	QWEST SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Cancellation Query	Receive	860CTQ	PC	Co-Provider TP ID	**CT90**
Cancellation Response	Send	865CTR	CA	**CT90**	Co-Provider TP ID

10.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS:

Purchase Order (PO) Date

The Purchase Order (PO) Date is an ANSI ASC X12 mandatory field. The sender is expected to populate this field, Qwest however, will not map this date into the application file. For outbound transactions Qwest will populate this field with a date. This date is only used to satisfy ANSI ASC X12 standards and should not be used by the Co-Provider.

Time Code

The Developer Worksheet time code fields of every transaction (i.e., D/T SENT) is assumed as follows:
- Transaction set(s) originating from the Co-Provider - time code should be consistent with your time zone.
- Transaction set(s) originating at Qwest - time code is Mountain Time.

4020 Exceptions

Transaction sets 850, 855, 860 and 865 are used with the following exception:
- SLN loop maximum use has been changed to >1

Delimiters

The following delimiters will be used:
- Element Separator: HEX 7C = | (vertical bar or pipe)
- Sub-Element Separator: HEX 1F = (non-printable characters of "0x1f")
- Segment Separator: HEX 0A = linefeed

Qwest Specific Fields

SI segments, as represented in the disclosure chapter of mapping examples, require exact syntax for the SI segments containing one pair of a qualifier to a valid value for accurate translation through the Qwest EDI Gateway. A SI segment that has multiple pairs of qualifiers and valid values does not require exact position placement.

10.5 **Mapping Examples**

10.5.1 860 CANCELLATION QUERY (860CTQ) - Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	*PON*
Superscript = Developer's Worksheet Ref # DWS used in this mapping example: CTQ = Cancellation Query CTR = Cancellation Response	CTR-2
Italics = Literal	*GOOD*
<u>Underline</u> = Apply code conversion, used with *Bold/Italics.* Code conversion tables can be found in the data dictionary of this disclosure.	<u>***ACT***</u>
[ ] = Segment notes for this line	[SI Segment repeats …]
( ) = Element notes for this line	(This element states …)
n	Counter 1…n
* = Element separator in this example and related data dictionary.	| = Actual element separator in an EDI transaction.
> = Sub-element separator in this example and related data dictionary.	Non printable characters of "0x1f" = Actual sub-element separator in an EDI transaction.

ST*860*TRAN SET CONTROL #
BCH*28*IN**TXNUM**[CTQ-2]***PO Date (See Trading Partner Access Information)
REF*PO* **PON**[CTQ-6]
DTM*097* **D/TSENT**{CCYYMMDD}[CTQ-3]* **D/TSENT**{HHMM}[CTQ-3]
SI*TI*IR* **TXACT**[CTQ-5]*IQ* **TXTYP**[CTQ-4]
N1*78* **CCNA**[CTQ-1]
N1*BY**25* **CC**[CTQ-7]

APPOINTMENT CANCEL

POC*n*RZ******ZZ* *APPOINTMENT*   [POC Loop will be used if **TXTYP**[CTQ-4] = "D" (Appointment Scheduling)]
REF*IX* **INQRES NBR**[CTQ-8]* *INQRES NBR*

TN CANCEL

POC*n*RZ******ZZ* *TN*   [POC Loop will be used if **TXTYP**[CTQ-4] = "B" (Telephone Number Inquiry)]
SI*TI*RQ* **SELNUM** [CTQ-10]
SLN* *TN*n*A*1*EA
SI*TI*RV* **TNRES** [CTQ-11]   [SI Segment repeats **SELNUM** [CTQ-10] times]

CTT*Number of POC Segments
SE*Number of Segments*TRAN SET CONTROL #

10.5.2 865 CANCELLATION RESPONSE (865CTR) – Version 4020

ST*865*TRAN SET CONTROL #
BCA*11*AT*$TXNUM^{CTR-2}$***PO Date (See Trading Partner Access Information)
REF*PO* PON^{CTR-6}
DTM*097*$D/TSENT${CCYYMMDD}$^{CTR-3}$ *$D/TSENT${HHMM}$^{CTR-3}$
SI*TI*IR* $TXACT^{CTR-5}$*IQ*$TXTYP^{CTR-4}$
N1*78* $CCNA^{CTR-1}$
N1*BY**25* CC^{CTR-8}

BAD

POC*n*RZ******ZZ* *BAD*   [POC Loop will be used if $RESPONSE^{CTR-7}$ = "B"]
ACK*IR***********************TI* *CANCEL*$RESPONSE^{CTR-7}$
QTY*03*$ERRNUM^{CTR-11}$*EA
N9*1Q*$ERRCODE^{CTR-12}$*ERR   [N9 Loop repeats $ERRNUM^{CTR-11}$ times]
MTX**$ERRMESG^{CTR-13}$

GOOD

POC*n*RZ******ZZ* *GOOD*   [POC Loop will be used if $RESPONSE^{CTR-7}$ = "G"]
ACK*IA***********************TI* *CANCEL*$RESPONSE^{CTR-7}$

MIXED

POC*n*RZ******ZZ* *MIXED*   [POC Loop will be used if $RESPONSE^{CTR-7}$ = "M"]
ACK*IA***********************TI* *CANCEL*$RESPONSE^{CTR-7}$
QTY*QO*$QNCNUM^{CTR-9}$*EA
QTY*03*$ERRNUM^{CTR-11}$*EA
N9*1Q*$ERRCODE^{CTR-12}$*ERR   [N9 Loop repeats $ERRNUM^{CTR-11}$ times]
MTX**$ERRMESG^{CTR-13}$
SLN* *MIXED*n*A*1*EA
SI*TI*TN*$NCTN^{CTR-10}$ [SI Segment repeats $QNCNUM^{CTR-9}$ times]

CTT*Number of POC Segments
SE*Number of Segments*TRAN SET CONTROL #

10.6   Data Dictionary

10.6.1 860Cancellation Query (860CTQ)

Functional Group ID=PC

Introduction:

The 860CTQ will be used by the Co-Provider to initiate a Cancellation Query to Qwest.

This implemenation guideline is based on the following:
ANSI ASC X12 Version 4020

Notes:

This 860 Transaction includes the mapping for Cancellation Query.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BCH	Beginning Segment for Purchase Order Change	M	1		
	0500	REF	Reference Identification	O	>1		
	1500	DTM	Date/Time Reference	O	10		
	1850	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Appointment	O	1		
1000	REF	Reference Identification	O	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Telephone Number	O	1		
0180	SI	Service Characteristic Identification	O	>1		
		LOOP ID - SLN			1000	
4600	SLN	Subline Item Detail	O	1		
4700	SI	Service Characteristic Identification	O	>1		

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - CTT			1	
0100	CTT	Transaction Totals	O	1		n1

| M | 0300 | SE | Transaction Set Trailer | M | 1 |

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

Segment:	**ST** Transaction Set Header		

Segment: **ST** Transaction Set Header

Position: 0100
Loop:
Level: Heading
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:
Notes: ST*860*TRAN SET CONTROL#

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	ST01	143	**Transaction Set Identifier Code**	**M**	**ID 3/3**
			Code uniquely identifying a Transaction Set		
			860 Purchase Order Change Request - Buyer Initiated		
M	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		

Segment:	**BCH** Beginning Segment for Purchase Order Change			

Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes:
   1   BCH06 is the date assigned by the purchaser to purchase order.
   2   BCH09 is the seller's order number.
   3   BCH10 is the date assigned by the sender to the acknowledgment.
   4   BCH11 is the date of the purchase order change request.
Comments:
Notes: BCH*28*IN*TXNUM (CTQ-2)***PO Date   (See Trading Partner Access Information)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	BCH01	353	**Transaction Set Purpose Code**	M	**ID 2/2**
			Code identifying purpose of transaction set		
			28 Query		
M	BCH02	92	**Purchase Order Type Code**	M	**ID 2/2**
			Code specifying the type of Purchase Order		
			IN Information Copy		
M	BCH03	324	**Purchase Order Number**	M	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			TXNUM (CTQ-2) = Transaction Number		
M	BCH06	373	**Date**	M	**DT 8/8**
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner Access Information)		

		Segment:	**REF** Reference Identification

Segment: # REF Reference Identification

Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
  1 At least one of REF02 or REF03 is required.
  2 If either C04003 or C04004 is present, then the other is required.
  3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: **1** REF04 contains data relating to the value cited in REF02.
Comments:
Notes: REF*PO*PON (CTQ-6)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			PO Purchase Order Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			PON (CTQ-6) = Purchase Order Number		

Updated: January 21, 2002   Qwest Communications International, Inc.   14
EDI Disclosure Document – Version 9.0

Segment: # REF Reference Identification

Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
  1 At least one of REF02 or REF03 is required.
  2 If either C04003 or C04004 is present, then the other is required.
  3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: **1** REF04 contains data relating to the value cited in REF02.
Comments:
Notes: REF*PO*PON (CTQ-6)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			PO Purchase Order Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			PON (CTQ-6) = Purchase Order Number		

Updated: January 21, 2002   Qwest Communications International, Inc.   14
EDI Disclosure Document – Version 9.0

			Segment:	# DTM Date/Time Reference		

Segment: # DTM Date/Time Reference

Position:	1500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
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:	
Notes:	DTM*097*D/ TSENT{CCYYMMDD} (CTQ-3)*D/TSENT{HHMM} (CTQ-3)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		
			D/TSENT (CTQ-3) = Date Sent		
	DTM03	337	**Time**	X	TM 4/8
			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)		
			D/TSENT{HHMM} (CTQ-3) = Time Sent		

			Segment:	**SI** Service Characteristic Identification

Segment: **SI** Service Characteristic Identification
Position: 1850
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
   1 If either SI04 or SI05 is present, then the other is required.
   2 If either SI06 or SI07 is present, then the other is required.
   3 If either SI08 or SI09 is present, then the other is required.
   4 If either SI10 or SI11 is present, then the other is required.
   5 If either SI12 or SI13 is present, then the other is required.
   6 If either SI14 or SI15 is present, then the other is required.
   7 If either SI16 or SI17 is present, then the other is required.
   8 If either SI18 or SI19 is present, then the other is required.
   9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
   1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*IR*TXACT (CTQ-5)*IQ*TXTYP (CTQ-4)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			IR Transaction Activity		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			TXACT (CTQ-5) = Transaction Activity		
	SI04	1000	**Service Characteristics Qualifier**	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			IQ Inquiry Type		
	SI05	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
			TXTYP (CTQ-4) = Transaction Type		

	Segment:	# N1 Name
	Position:	3000
	Loop:	N1 Optional
	Level:	Heading
	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:	N1*78*CCNA (CTQ-1)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			78 Service Requester		
	N102	93	**Name**	**X**	**AN 1/60**
			Free-form name		
			CCNA (CTQ-1) = Customer Carrier Name Abbreviation		

Segment:		# N1 Name			

Position: 3000
Loop: N1   Optional
Level: Heading
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: N1*BY**25*CC (CTQ-7)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			BY Buying Party (Purchaser)		
	N103	66	**Identification Code Qualifier**	X	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			25 Carrier's Customer Code		
	N104	67	**Identification Code**	X	**AN 2/80**
			Code identifying a party or other code		
			CC (CTQ-7) = Company Code		

		POC Line Item Change - Appointment
Segment:		

Segment: **POC** Line Item Change - Appointment

Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	**1** If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	10 If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	**1** POC01 is the purchase order line item identification.
Comments:	
Notes:	POC*n*RZ******ZZ*APPOINTMENT [POC Loop will be used if TXTYP (CTQ-4) = 'D' (Appointment Scheduling)]

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	POC01	**350**	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			"n" = nth assigned ID within POC loop.		
M	**POC02**	**670**	**Change or Response Type Code**	**M**	**ID 2/2**
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set		
	POC08	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			ZZ Mutually Defined		
	POC09	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			"APPOINTMENT"		

			Segment:	**REF** Reference Identification

Segment: **REF** Reference Identification

Position:	1000
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	**1** At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*IX*INQRES NBR (CTQ-8)*INQRES NBR

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			INQRES NBR (CTQ-8) = Inquiry Response Number		
	REF03	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			"INQRES NBR"		

Segment:	**POC** Line Item Change - Telephone Number		

Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	10 If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	1 POC01 is the purchase order line item identification.
Comments:	
Notes:	POC*n*RZ******ZZ*TN [POC Loop will be used if TXTYP (CTQ-4) = 'B' (Telephone Number Inquiry)]

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
	POC01	**350**	**Assigned Identification**		**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set			
			"n" = nth assigned ID within POC loop.			
M	**POC02**	**670**	**Change or Response Type Code**		**M**	**ID 2/2**
			Code specifying the type of change to the line item			
			RZ	Replace All Values		
				Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set		
	POC08	**235**	**Product/Service ID Qualifier**		**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			ZZ	Mutually Defined		
	POC09	**234**	**Product/Service ID**		**X**	**AN 1/48**
			Identifying number for a product or service			
			"TN"			

	Segment:	**SI** Service Characteristic Identification

Position: 0180
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1   If either SI04 or SI05 is present, then the other is required.
2   If either SI06 or SI07 is present, then the other is required.
3   If either SI08 or SI09 is present, then the other is required.
4   If either SI10 or SI11 is present, then the other is required.
5   If either SI12 or SI13 is present, then the other is required.
6   If either SI14 or SI15 is present, then the other is required.
7   If either SI16 or SI17 is present, then the other is required.
8   If either SI18 or SI19 is present, then the other is required.
9   If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments: 1   SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*RQ*SELNUM (CTQ-10)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SI01**	**559**	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			TI Telecommunications Industry	
M	**SI02**	**1000**	**Service Characteristics Qualifier**	**M AN 2/2**
			Code from an industry code list qualifying the type of service characteristics	
			RQ Requested Number	
M	**SI03**	**234**	**Product/Service ID**	**M AN 1/48**
			Identifying number for a product or service	
			SELNUM (CTQ-10) = Selected Number	

| | | | Segment: | **SLN** Subline Item Detail | | |

Segment: **SLN** Subline Item Detail

Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	**1** If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	9 If either SLN19 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	**1** SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	**1** See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	SLN*TN*n*A*1*EA

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	SLN01	350	**Assigned Identification**	M	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			"TN"		
	SLN02	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			"n" = nth assigned ID within SLN loop.		
M	SLN03	662	**Relationship Code**	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			1 Always One		
	SLN05	C001	**Composite Unit of Measure**	X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	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
    EA   Each

10.6.2 865 Cancellation Response (865CTR)

Functional Group ID=CA

Introduction:

The 865CTR will be used by Qwest to initiate a Cancellation Response to the Co-Provider

This implemenation guideline is based on the following:
ANSI ASC X12 Version 4020

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1		
	0500	REF	Reference Identification	O	>1		
	1500	DTM	Date/Time Reference	O	10		
	1850	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Bad Response	O	1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	O	1		
		LOOP ID - QTY			>1	
3020	QTY	Quantity	O	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Good Response	O	1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	O	1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Mixed Response	O	1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	O	1		
		LOOP ID - QTY			>1	
3020	QTY	Quantity	O	1		
		LOOP ID - QTY			>1	

3020	QTY	Quantity	O	1	
		LOOP ID - N9			1000
3500	N9	Reference Identification	O	1	
3600	MTX	Text	O	>1	
		LOOP ID - SLN			1000
4900	SLN	Subline Item Detail	O	1	
5000	SI	Service Characteristic Identification	O	>1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		n1
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

		Segment:	**ST** Transaction Set Header

Position: 0100
Loop:
Level: Heading
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:
Notes: ST*865*TRAN SET CONTROL #

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			865 Purchase Order Change Acknowledgment/Request - Seller Initiated	
M	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	

	Segment:	**BCA** Beginning Segment for Purchase Order Change

Acknowledgment

Position:	0200
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	**1** BCA06 is the date assigned by the purchaser to purchase order.
	2 BCA09 is the seller's order number.
	3 BCA10 is the date assigned by the sender to the acknowledgment.
	4 BCA11 is the date of the purchase order change request.
	5 BCA12 is the order change acknowledgment date.
Comments:	
Notes:	BCA*11*AT*TXNUM (CTR-2)***PO Date (See Trading Partner Access Information)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	BCA01	353	**Transaction Set Purpose Code**	M	**ID 2/2**
			Code identifying purpose of transaction set		
			11 Response		
	BCA02	587	**Acknowledgment Type**	O	**ID 2/2**
			Code specifying the type of acknowledgment		
			AT Accepted		
M	BCA03	324	**Purchase Order Number**	M	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			TXNUM (CTR-2) = Transaction Number		
M	BCA06	373	**Date**	M	**DT 8/8**
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner Access Information)		

	Segment:	**REF** Reference Identification
Position:	0500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*PO*PON (CTR-6)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			PO Purchase Order Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			PON (CTR-6) = Purchase Order Number		

	Segment:	# DTM **Date/Time Reference**

Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
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:
Notes: DTM*097*D/TSENT{CCYYMMDD} {CTR-3}*D/TSENT{HHMM} (CTR-3)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	DTM01	374	**Date/Time Qualifier**	M	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
	DTM02	373	**Date**	X	**DT 8/8**
			Date expressed as CCYYMMDD		
			D/TSENT (CTR-3) = Date Sent		
	DTM03	337	**Time**	X	**TM 4/8**
			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)		
			D/TSENT{HHMM} (CTR-3) = Time Sent		

			Segment:	**SI** Service Characteristic Identification

Segment: **SI** Service Characteristic Identification

Position:	1850
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*IR*TXACT (CTR-5)*IQ*TXTYP (CTR-4)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SI01	559	**Agency Qualifier Code**	M	**ID 2/2**
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			IR Transaction Activity		
M	SI03	234	**Product/Service ID**	M	**AN 1/48**
			Identifying number for a product or service		
			TXACT (CTR-5) = Transaction Activity		
	SI04	1000	**Service Characteristics Qualifier**	X	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			IQ Inquiry Type		
	SI05	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
			TXTYP (CTR-4) = Transaction Type		

Segment:	**N1** Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
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:	N1*78*CCNA (CTR-1)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			78 Service Requester		
	N102	93	**Name**	X	AN 1/60
			Free-form name		
			CCNA (CTR-1) = Customer Carrier Name Abbreviation		

Segment:		**N1** Name			

Segment: **N1** Name

Position:	3000
Loop:	N1 Optional
Level:	Heading
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:	N1*BY**25*CC (CTR-8)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			BY Buying Party (Purchaser)		
	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			25 Carrier's Customer Code		
	N104	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			CC (CTR-8) = Company Code		

		POC Line Item Change - Bad Response		
Segment:				

Segment: POC Line Item Change - Bad Response

Position: 0100
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes:
   1   If POC03 is present, then both POC04 and POC05 are required.
   2   If POC07 is present, then POC06 is required.
   3   If either POC08 or POC09 is present, then the other is required.
   4   If either POC10 or POC11 is present, then the other is required.
   5   If either POC12 or POC13 is present, then the other is required.
   6   If either POC14 or POC15 is present, then the other is required.
   7   If either POC16 or POC17 is present, then the other is required.
   8   If either POC18 or POC19 is present, then the other is required.
   9   If either POC20 or POC21 is present, then the other is required.
  10   If either POC22 or POC23 is present, then the other is required.
  11   If either POC24 or POC25 is present, then the other is required.
  12   If either POC26 or POC27 is present, then the other is required.
Semantic Notes:
   1   POC01 is the purchase order line item identification.
Comments:
Notes: POC*n*RZ******ZZ*BAD   [POC Loop will be used if RESPONSE(CTR-7) = "B"]

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
POC01	**350**	**Assigned Identification**	**O**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
		"n" = nth assigned ID within POC loop.		
M **POC02**	**670**	**Change or Response Type Code**	**M**	**ID 2/2**
		Code specifying the type of change to the line item		
		RZ Replace All Values		
		Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set		
POC08	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		ZZ Mutually Defined		
POC09	**234**	**Product/Service ID**	**X**	**AN 1/48**
		Identifying number for a product or service		
		"BAD"		

ACK Line Item Acknowledgment

Segment:	**ACK** Line Item Acknowledgment
Position:	2700
Loop:	ACK Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:	1 If either ACK02 or ACK03 is present, then the other is required.
	2 If ACK04 is present, then ACK05 is required.
	3 If either ACK07 or ACK08 is present, then the other is required.
	4 If either ACK09 or ACK10 is present, then the other is required.
	5 If either ACK11 or ACK12 is present, then the other is required.
	6 If either ACK13 or ACK14 is present, then the other is required.
	7 If either ACK15 or ACK16 is present, then the other is required.
	8 If either ACK17 or ACK18 is present, then the other is required.
	9 If either ACK19 or ACK20 is present, then the other is required.
	10 If either ACK21 or ACK22 is present, then the other is required.
	11 If either ACK23 or ACK24 is present, then the other is required.
	12 If either ACK25 or ACK26 is present, then the other is required.
	13 If either ACK27 or ACK28 is present, then the other is required.
	14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:	1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:	
Notes:	ACK*IR************************TI*CANCEL*RESPONSE(CTR-7)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	ACK01	668	**Line Item Status Code**	M	ID 2/2
			Code specifying the action taken by the seller on a line item requested by the buyer		
			IR Item Rejected		
	ACK27	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	ACK28	822	**Source Subqualifier**	X	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
			"CANCEL"		
	ACK29	1271	**Industry Code**	X	AN 1/30
			Code indicating a code from a specific industry code list		
			RESPONSE (CTR-7) = Response		

	Segment:	**QTY** Quantity		

Position: 3020
Loop: QTY Optional
Level: Detail
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: QTY*03*ERRNUM(CTR-11)*EA

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			03　　　　　　Discreet Quantity - Rejected Material		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			ERRNUM(CTR-11) = Number of Errors		
	QTY03	C001	**Composite Unit of Measure**	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	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		
			EA　　　　　　Each		

Segment:	**N9** Reference Identification			

Position: 3500
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
    1   At least one of N902 or N903 is required.
    2   If N906 is present, then N905 is required.
    3   If either C04003 or C04004 is present, then the other is required.
    4   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
    1   N906 reflects the time zone which the time reflects.
    2   N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*1Q*ERRCODE (CTR-12)*ERR [N9 Loop repeats ERRNUM (CTR-11) times]

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			1Q Error Identification Code		
			Qualifies a single number that describes an error found in application-level data		
	N902	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			ERRCODE(CTR-12) = Error Code		
	N903	369	**Free-form Description**	X	AN 1/45
			Free-form descriptive text		
			"ERR"		

Segment: # MTX Text

Position:	3600
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**ERRMESG(CTR-13)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MTX02	1551	**Message Text**	X AN 1/4096
		To transmit large volumes of message text	
		ERRMESG(CTR-13) = Error Message	

		POC Line Item Change - Good Response
Segment:		
Position:	0100	
Loop:	POC	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify changes to a line item	

Syntax Notes:	**1**	If POC03 is present, then both POC04 and POC05 are required.
	2	If POC07 is present, then POC06 is required.
	3	If either POC08 or POC09 is present, then the other is required.
	4	If either POC10 or POC11 is present, then the other is required.
	5	If either POC12 or POC13 is present, then the other is required.
	6	If either POC14 or POC15 is present, then the other is required.
	7	If either POC16 or POC17 is present, then the other is required.
	8	If either POC18 or POC19 is present, then the other is required.
	9	If either POC20 or POC21 is present, then the other is required.
	10	If either POC22 or POC23 is present, then the other is required.
	11	If either POC24 or POC25 is present, then the other is required.
	12	If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	**1**	POC01 is the purchase order line item identification.
Comments:		
Notes:		POC*n*RZ******ZZ*GOOD [POC Loop will be used if RESPONSE(CTR-7) = "G"]

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	POC01	**350**	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			"n" = nth assigned ID within POC loop.		
M	**POC02**	**670**	**Change or Response Type Code**	**M**	**ID 2/2**
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set		
	POC08	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			ZZ Mutually Defined		
	POC09	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			"GOOD"		

Segment:	**ACK** Line Item Acknowledgment				

Segment: **ACK** Line Item Acknowledgment

Position:	2700
Loop:	ACK Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:	1 If either ACK02 or ACK03 is present, then the other is required.
	2 If ACK04 is present, then ACK05 is required.
	3 If either ACK07 or ACK08 is present, then the other is required.
	4 If either ACK09 or ACK10 is present, then the other is required.
	5 If either ACK11 or ACK12 is present, then the other is required.
	6 If either ACK13 or ACK14 is present, then the other is required.
	7 If either ACK15 or ACK16 is present, then the other is required.
	8 If either ACK17 or ACK18 is present, then the other is required.
	9 If either ACK19 or ACK20 is present, then the other is required.
	10 If either ACK21 or ACK22 is present, then the other is required.
	11 If either ACK23 or ACK24 is present, then the other is required.
	12 If either ACK25 or ACK26 is present, then the other is required.
	13 If either ACK27 or ACK28 is present, then the other is required.
	14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:	1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:	
Notes:	ACK*IA*************************TI*CANCEL*RESPONSE (CTR-7)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	ACK01	668	**Line Item Status Code**	M	**ID 2/2**
			Code specifying the action taken by the seller on a line item requested by the buyer		
			IA Item Accepted		
	ACK27	559	**Agency Qualifier Code**	X	**ID 2/2**
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	ACK28	822	**Source Subqualifier**	X	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier		
			"CANCEL"		
	ACK29	1271	**Industry Code**	X	**AN 1/30**
			Code indicating a code from a specific industry code list		
			RESPONSE (CTR-7) = Response		

		POC Line Item Change - Mixed Response
Segment:		

Segment: **POC** Line Item Change - Mixed Response

Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	10 If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	1 POC01 is the purchase order line item identification.
Comments:	
Notes:	POC*n*RZ******ZZ*MIXED [POC Loop will be used if RESPONSE(CTR-7) = "M"]

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	POC01	350	Assigned Identification	O	AN 1/20	

Alphanumeric characters assigned for differentiation within a transaction set

"n" = nth assigned ID within POC loop.

	Ref. Des.	Data Element	Name	Attributes		
M	POC02	670	Change or Response Type Code	M	ID 2/2	

Code specifying the type of change to the line item

RZ   Replace All Values

Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set

	Ref. Des.	Data Element	Name	Attributes		
	POC08	235	Product/Service ID Qualifier	X	ID 2/2	

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

ZZ   Mutually Defined

	Ref. Des.	Data Element	Name	Attributes		
	POC09	234	Product/Service ID	X	AN 1/48	

Identifying number for a product or service

"MIXED"

Segment:		# ACK Line Item Acknowledgment			

Position: 2700
Loop: ACK   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
   1 If either ACK02 or ACK03 is present, then the other is required.
   2 If ACK04 is present, then ACK05 is required.
   3 If either ACK07 or ACK08 is present, then the other is required.
   4 If either ACK09 or ACK10 is present, then the other is required.
   5 If either ACK11 or ACK12 is present, then the other is required.
   6 If either ACK13 or ACK14 is present, then the other is required.
   7 If either ACK15 or ACK16 is present, then the other is required.
   8 If either ACK17 or ACK18 is present, then the other is required.
   9 If either ACK19 or ACK20 is present, then the other is required.
  10 If either ACK21 or ACK22 is present, then the other is required.
  11 If either ACK23 or ACK24 is present, then the other is required.
  12 If either ACK25 or ACK26 is present, then the other is required.
  13 If either ACK27 or ACK28 is present, then the other is required.
  14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:
   1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:
Notes: ACK*IA*************************TI*CANCEL*RESPONSE(CTR-7)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**ACK01**	**668**	**Line Item Status Code**	**M**	**ID 2/2**
			Code specifying the action taken by the seller on a line item requested by the buyer		
			IA Item Accepted		
	ACK27	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	ACK28	**822**	**Source Subqualifier**	**X**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier		
			"CANCEL"		
	ACK29	**1271**	**Industry Code**	**X**	**AN 1/30**
			Code indicating a code from a specific industry code list		
			RESPONSE (CTR-7) = Response		

	Segment:	**QTY** Quantity

Position: 3020
Loop: QTY Optional
Level: Detail
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: QTY*QO*QNCNUM (CTR-9)*EA

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	QTY01	673	**Quantity Qualifier**	M ID 2/2
			Code specifying the type of quantity	
			QO Operating Quantity	
	QTY02	380	**Quantity**	X R 1/15
			Numeric value of quantity	
			QNCNUM (CTR-9) = Quantity of Non-Canceled Telephone Numbers	
	QTY03	C001	**Composite Unit of Measure**	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	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	
			EA Each	

Segment:		**QTY** Quantity		

Position: 3020
Loop: QTY   Optional
Level: Detail
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: QTY*03*ERRNUM (CTR-11)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Material		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			ERRNUM (CTR-11) = Number of Errors		
	QTY03	C001	**Composite Unit of Measure**	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	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		
			EA Each		

			Segment:	**N9** Reference Identification

Segment: **N9** Reference Identification

Position: 3500
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes: 1   At least one of N902 or N903 is required.
    2   If N906 is present, then N905 is required.
    3   If either C04003 or C04004 is present, then the other is required.
    4   If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1   N906 reflects the time zone which the time reflects.
    2   N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*1Q*ERRCODE (CTR-12)*ERR   [N9 Loop repeats ERRNUM (CTR-11) times]

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			1Q Error Identification Code		
			Qualifies a single number that describes an error found in application-level data		
	N902	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			ERRCODE (CTR-12) = Error Code		
	N903	369	**Free-form Description**	X	AN 1/45
			Free-form descriptive text		
			"ERR"		

Segment:	# MTX Text	
Position:	3600	
Loop:	N9	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1	If MTX01 is present, then MTX02 is required.
	2	If MTX03 is present, then MTX02 is required.
	3	If MTX05 is present, then MTX04 is required.
Semantic Notes:	1	MTX05 is the number of lines to advance before printing.
Comments:	1	If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**ERRMESG (CTR-13)	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		ERRMESG (CTR-13) = Error Message		

	Segment:	**SLN** Subline Item Detail

Position: 4900
Loop: SLN   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:
  1 If either SLN04 or SLN05 is present, then the other is required.
  2 If SLN07 is present, then SLN06 is required.
  3 If SLN08 is present, then SLN06 is required.
  4 If either SLN09 or SLN10 is present, then the other is required.
  5 If either SLN11 or SLN12 is present, then the other is required.
  6 If either SLN13 or SLN14 is present, then the other is required.
  7 If either SLN15 or SLN16 is present, then the other is required.
  8 If either SLN17 or SLN18 is present, then the other is required.
  9 If either SLN19 or SLN20 is present, then the other is required.
  10 If either SLN21 or SLN22 is present, then the other is required.
  11 If either SLN23 or SLN24 is present, then the other is required.
  12 If either SLN25 or SLN26 is present, then the other is required.
  13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:
  1 SLN01 is the identifying number for the subline item.
  2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
  3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
  4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:
  1 See the Data Element Dictionary for a complete list of IDs.
  2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
  3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: SLN*MIXED*n*A*1*EA

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	SLN01	350	**Assigned Identification**	M	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			"MIXED"		
	SLN02	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			"n" = nth assigned ID within SLN loop.		
M	SLN03	662	**Relationship Code**	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			1 Always One		
	SLN05	C001	**Composite Unit of Measure**	X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	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
　　EA　　　　　　Each

Segment: **SI** Service Characteristic Identification

Position:	5000
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	**1** If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	**1** SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*TN*NCTN (CTR-10) [SI Segment repeats QNCNUM (CTR-9) times]

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			TN Telephone Number		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			NCTN (CTR-10) = Non-Canceled Telephone Number		

Segment:	**CTT** Transaction Totals		
Position:	0100		
Loop:	CTT Optional		
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit a hash total for a specific element in the transaction set		
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.		
	2 If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:			
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.		
Notes:	CTT*Number of POC Segments		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	

Segment:		**SE** Transaction Set Trailer		

Position: 0300
Loop:
Level: Summary
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.
Notes: SE*Number of Segments*TRAN SET CONTROL #

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	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		

			Segment:	**SI** Service Characteristic Identification		

Position: 4700
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
  1 If either SI04 or SI05 is present, then the other is required.
  2 If either SI06 or SI07 is present, then the other is required.
  3 If either SI08 or SI09 is present, then the other is required.
  4 If either SI10 or SI11 is present, then the other is required.
  5 If either SI12 or SI13 is present, then the other is required.
  6 If either SI14 or SI15 is present, then the other is required.
  7 If either SI16 or SI17 is present, then the other is required.
  8 If either SI18 or SI19 is present, then the other is required.
  9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
  1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*RV*TNRES (CTQ-11) [SI Segment repeats SELNUM (CTQ-10) times]

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**SI01**	**559**	**Agency Qualifier Code**	**M**	**ID 2/2**
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	**SI02**	**1000**	**Service Characteristics Qualifier**	**M**	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			RV Reserved Number		
M	**SI03**	**234**	**Product/Service ID**	**M**	**AN 1/48**
			Identifying number for a product or service		
			TNRES (CTQ-11) = Telephone Number Response		

Segment:		**CTT** Transaction Totals		

Position: 0100
Loop: CTT   Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
   1   If either CTT03 or CTT04 is present, then the other is required.
   2   If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments:
   1   This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes: CTT*Number of POC Segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
M	**CTT01**	**354**	**Number of Line Items**	**M N0 1/6**
			Total number of line items in the transaction set	

Segment:	**SE** Transaction Set Trailer			

Position: 0300
Loop:
Level: Summary
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.
Notes: SE*Number of Segments*TRAN SET CONTROL #

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	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		