TN/Appointment Cancellation Transaction Cycle

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10. TN/Appointment Cancellation Transaction Cycle

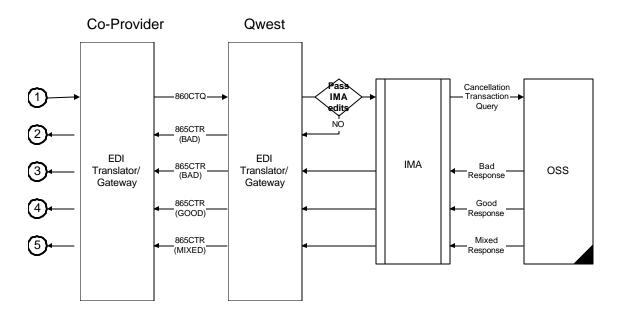
10.1 Business Description

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

- 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.
- 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.

	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	<i>'QWESTP'</i> (<u>Note</u> : 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' (<u>Note</u> : This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)	Co-Provider TP ID		

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

ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD
ISA10	<i>Time of the interchange. HHMM (24 Hour Clock)</i>	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.
 - 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)	<i>Time of the functional group. HHMM (24 hour clock)</i>
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	СТ90
Cancellation Response	Send	865CTR	CA	СТ90	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 1n
* = 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 "Ox1f" = 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*

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
SI*TI*RQ* SELNUM[POC Loop will be used if TXTYPCTQ-4 = "B" (Telephone Number Inquiry)]SI*TI*RQ* SELNUMCTQ-10
SIN*TN*n*A*1*EA
SI*TI*RV*TNRES[SI Segment repeats SELNUMCTQ-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**TXAC1*^{CTR-5}*IQ**TXTYP*^{CTR-4} N1*78**CCNA*^{CTR-1} N1*BY**25**CC*^{CTR-8}

BAD

GOOD

MIXED

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= \mathbf{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:

М	Pos. <u>No.</u> 0100	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	0200	BCH	Beginning Segment for Purchase Order Change	Μ	1		
	0500	REF	Reference Identification	0	>1		
	1500	DTM	Date/Time Reference	0	10		
	1850	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Appointment	0	1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Telephone Number	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			1000	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		

Summary:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - CTT			1	
0100	CTT	Transaction Totals	0	1		n1

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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.

ST Transaction Set Header

Segment:	ST 1	ransaction Set Header	
Position: Loop:	0100		
Level:	Heading		
Usage:	Mandato	bry	
Max Use:	1		
Purpose: Syntax Notes:	To indica	ate the start of a transaction set and to assign a control	number
Semantic Notes:	inter 810 2 The rout	transaction set identifier (ST01) is used by the translation change partners to select the appropriate transaction set selects the Invoice Transaction Set). implementation convention reference (ST03) is used by ines of the interchange partners to select the appropriate vention to match the transaction set definition.	et definition (e.g., / the translation
Comments:	CON	remion to match the transaction set deminition.	
Notes:	ST*860*	TRAN SET CONTROL#	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>		<u>Attributes</u>
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 Identifying control number that must be unique within the functional group assigned by the originator for a transa	

BCH Beginning Segment for Purchase Order Change

	Segment:	BCF	Beginning Segment for Purchase Order Change		
	Position: Loop:	0200			
	Level:	Heading			
	Usage:	Mandato			
	Max Use:	1	, y		
	Purpose:	To indica	ate the beginning of the Purchase Order Change Transa	ction	Set and
			identifying numbers and dates		
:	Syntax Notes:				
	mantic Notes:	1 BC⊢	106 is the date assigned by the purchaser to purchase or	der.	
			109 is the seller's order number.		
		3 BCH	110 is the date assigned by the sender to the acknowled	gmen	it.
		4 BC⊢	111 is the date of the purchase order change request.		
	Comments:				
	Notes:		*IN*TXNUM (CTQ-2)***PO Date (See Trading Partner /	Acce	SS
		Informat	ion)		
	.	-	Data Element Summary		
	Ref.	Data	News		
м	Des.	Element			ributes
М			Transaction Set Purpose Code	<u>Attr</u> M	<u>ributes</u> ID 2/2
Μ	Des.	Element	Transaction Set Purpose Code Code identifying purpose of transaction set		
м	Des.	Element	Transaction Set Purpose Code		
м	Des.	Element	Transaction Set Purpose Code Code identifying purpose of transaction set		
	<u>Des.</u> BCH01	Element 353	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type Code	М	ID 2/2
	<u>Des.</u> BCH01	Element 353	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase Order	М	ID 2/2
М	<u>Des.</u> BCH01 BCH02	Element 353 92	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation Copy	M	ID 2/2 ID 2/2
	<u>Des.</u> BCH01	Element 353	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation CopyPurchase Order Number	М	ID 2/2
М	<u>Des.</u> BCH01 BCH02	Element 353 92	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation CopyPurchase Order NumberIdentifying number for Purchase Order assigned by the	M	ID 2/2 ID 2/2
М	<u>Des.</u> BCH01 BCH02	Element 353 92	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation CopyPurchase Order NumberIdentifying number for Purchase Order assigned by theorderer/purchaser	M	ID 2/2 ID 2/2
м	Des. BCH01 BCH02 BCH03	<u>Element</u> 353 92 324	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation CopyPurchase Order NumberIdentifying number for Purchase Order assigned by theorderer/purchaserTXNUM (CTQ-2) = Transaction Number	M	ID 2/2 ID 2/2 AN 1/22
М	<u>Des.</u> BCH01 BCH02	Element 353 92	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation CopyPurchase Order NumberIdentifying number for Purchase Order assigned by theorderer/purchaserTXNUM (CTQ-2) = Transaction NumberDate	M	ID 2/2 ID 2/2
м	Des. BCH01 BCH02 BCH03	<u>Element</u> 353 92 324	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation CopyPurchase Order NumberIdentifying number for Purchase Order assigned by theorderer/purchaserTXNUM (CTQ-2) = Transaction NumberDateDate expressed as CCYYMMDD	M M M	ID 2/2 ID 2/2 AN 1/22 DT 8/8
м	Des. BCH01 BCH02 BCH03	<u>Element</u> 353 92 324	Transaction Set Purpose CodeCode identifying purpose of transaction set28QueryPurchase Order Type CodeCode specifying the type of Purchase OrderINInformation CopyPurchase Order NumberIdentifying number for Purchase Order assigned by theorderer/purchaserTXNUM (CTQ-2) = Transaction NumberDate	M M M	ID 2/2 ID 2/2 AN 1/22 DT 8/8

REF Reference Identification

Segment:	REF Reference Identification
Position: Loop:	0500
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

м	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Referenc	e Identification Qualifier	<u>Attr</u> M	<u>ributes</u> ID 2/3
			Code qua	lifying the Reference Identification		
			PO	Purchase Order Number		
	REF02	127	Reference	e Identification	Х	AN 1/30
				e information as defined for a particular Transa by the Reference Identification Qualifier	actior	n Set or as
			PON (CT	Q-6) = Purchase Order Number		

DTM Date/Time Reference

Segment.	
Position: Loop:	1500
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	 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:

Segment:

DTM*097*D/TSENT{CCYYMMDD} (CTQ-3)*D/TSENT{HHMM} (CTQ-3)

Data Element Summary

Μ	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifier	<u>Attı</u> M	r <u>ibutes</u> ID 3/3
			Code specifying type of date or time, or both date and ti 097 Transaction Creation	me	
	DTM02	373	Date Date expressed as CCYYMMDD	X	DT 8/8
	DTM03	337	D/TSENT (CTQ-3) = Date Sent Time	Х	TM 4/8
	21100	557	Time expressed in 24-hour clock time as follows: HHMM or HHMMSSD, or HHMMSSDD, where H = hours (00-23 (00-59), S = integer seconds (00-59) and DD = decimal decimal seconds are expressed as follows: D = tenths (hundredths (00-99) D/TSENT{HHMM} (CTQ-3) = Time Sent	1, or 3), N seco	HHMMSS, 1 = minutes onds;

SI Service Characteristic Identification

	Segment:	SI Se	ervice Characteristic Identification		
	Position:	1850			
	Loop:				
	Level:	Heading			
	Usage:	Optional			
	Max Use:	>1	ifu convice characteristic data		
	Purpose: Syntax Notes:		ify service characteristic data ther SI04 or SI05 is present, then the other is required.		
	Syntax Notes.		her Sl06 or Sl07 is present, then the other is required.		
			her Sl08 or Sl09 is present, then the other is required.		
			her SI10 or SI11 is present, then the other is required.		
			her SI12 or SI13 is present, then the other is required.		
			her SI14 or SI15 is present, then the other is required.		
			her SI16 or SI17 is present, then the other is required.		
			her SI18 or SI19 is present, then the other is required.		
		9 If eit	her SI20 or SI21 is present, then the other is required.		
	Semantic Notes:				
	Comments:		defines the source for each of the service characteristic	s qua	lifiers.
	Notes:	SITHIN	*TXACT (CTQ-5)*IQ*TXTYP (CTQ-4)		
			Data Element Summary		
	Rof	Data			
	Ref. Des.	Data Element		Attr	ibutes
М	Ref. <u>Des.</u> SI01	Data <u>Element</u> 559		<u>Attr</u> M	<u>ibutes</u> ID 2/2
М	Des.	Element	Name		
М	Des.	Element	<u>Name</u> Agency Qualifier Code Code identifying the agency assigning the code values		
M	Des.	Element	<u>Name</u> Agency Qualifier Code Code identifying the agency assigning the code values		
	<u>Des.</u> SI01	Element 559	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of service	м	ID 2/2 AN 2/2
	<u>Des.</u> SI01	Element 559	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics	м	ID 2/2 AN 2/2
М	Des. SI01 SI02	Element 559 1000	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of second acteristics IR Transaction Activity	M M ervice	ID 2/2 AN 2/2
	<u>Des.</u> SI01	Element 559	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID	м	ID 2/2 AN 2/2
М	Des. SI01 SI02	Element 559 1000	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service	M M ervice	ID 2/2 AN 2/2
М	<u>Des.</u> SI01 SI02 SI03	Element 559 1000 234	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity	M ervice M	ID 2/2 AN 2/2 AN 1/48
М	Des. SI01 SI02	Element 559 1000	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity Service Characteristics Qualifier	M ervice M	ID 2/2 AN 2/2 AN 1/48 AN 2/2
М	<u>Des.</u> SI01 SI02 SI03	Element 559 1000 234	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity Service Characteristics Qualifier Code from an industry code list qualifying the type of service	M ervice M	ID 2/2 AN 2/2 AN 1/48 AN 2/2
М	<u>Des.</u> SI01 SI02 SI03	Element 559 1000 234	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics	M ervice M	ID 2/2 AN 2/2 AN 1/48 AN 2/2
М	<u>Des.</u> SI01 SI02 SI03 SI04	Element 559 1000 234 1000	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IQ Inquiry Type	M ervice M x ervice	ID 2/2 AN 2/2 AN 1/48 AN 2/2
М	<u>Des.</u> SI01 SI02 SI03	Element 559 1000 234	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IQ Inquiry Type Product/Service ID	M ervice M	ID 2/2 AN 2/2 AN 1/48 AN 2/2
М	<u>Des.</u> SI01 SI02 SI03 SI04	Element 559 1000 234 1000	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IQ Inquiry Type Product/Service ID Identifying number for a product or service	M ervice M x ervice	ID 2/2 AN 2/2 AN 1/48 AN 2/2
Μ	<u>Des.</u> SI01 SI02 SI03 SI04	Element 559 1000 234 1000	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IR Transaction Activity Product/Service ID Identifying number for a product or service TXACT (CTQ-5) = Transaction Activity Service Characteristics Qualifier Code from an industry code list qualifying the type of secharacteristics IQ Inquiry Type Product/Service ID	M ervice M x ervice	ID 2/2 AN 2/2 AN 1/48 AN 2/2

Segment:	N1 ⊾	lame	
Position:	3000		
Loop:	N1	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To ident	ify a party by type of organization, name, and code	
Syntax Notes:	1 At le	ast one of N102 or N103 is required.	
-	2 If eit	her N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments: Notes:	orga mus part 2 N10	segment, used alone, provides the most efficient method nizational identification. To obtain this efficiency the "ID 0 t provide a key to the table maintained by the transaction y. 5 and N106 further define the type of entity in N101. CCNA (CTQ-1)	Code" (N104)
		Data Element Summary	
Ref.	Data		
Des.	Element		Attributes
M N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical loca an individual 78 Service Requester	ition, property or
N102	93	Name	X AN 1/60
		Free-form name	
		CCNA (CTQ-1) = Customer Carrier Name Abbreviation	

Semar	Segment: Position: Loop: Level: Usage: Max Use: Purpose: tax Notes: otic Notes:	3000 N1 Heading Optional 1 To ident 1 At le 2 If eit		h of r	providing
U	omments.	orga	nizational identification. To obtain this efficiency the "ID (t provide a key to the table maintained by the transaction	Code	e" (N104)
	Notes:	2 N10	5 and N106 further define the type of entity in N101. 25*CC (CTQ-7) Data Element Summary		
	Ref.	Data	Data Liement Summary		
	Des.	Element	Name	Δttr	ibutes
м	<u>Dcs.</u> N101	<u>98</u>	Entity Identifier Code	M	ID 2/3
			Code identifying an organizational entity, a physical loca an individual BY Buying Party (Purchaser)	ation,	
	N103	66	Identification Code Qualifier	Х	ID 1/2
			Code designating the system/method of code structure of Identification Code (67) 25 Carrier's Customer Code	used	for
	N104	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
			CC (CTQ-7) = Company Code		

POC Line Item Change - Appointment

Segment:	FUL	Line Item Change - Appointment		
Position: Loop: Level: Usage: Max Use:	0100 POC Detail Optional 1	Optional		
Purpose:	-	ify changes to a line item		
Syntax Notes:	1 If PC	DC03 is present, then both POC04 and POC05 are red	quired.	
		DC07 is present, then POC06 is required.		
		her POC08 or POC09 is present, then the other is req her POC10 or POC11 is present, then the other is req		
		her POC12 or POC13 is present, then the other is req		
	6 If eit	her POC14 or POC15 is present, then the other is req	uired.	
		her POC16 or POC17 is present, then the other is req		
		her POC18 or POC19 is present, then the other is req her POC20 or POC21 is present, then the other is req		
		her POC22 or POC23 is present, then the other is rec		
		her POC24 or POC25 is present, then the other is req		
Semantic Notes:		her POC26 or POC27 is present, then the other is req C01 is the purchase order line item identification.	uired.	
Comments:	1 100	or is the purchase order line item identification.		
Notes:		RZ*****ZZ*APPOINTMENT [POC Loop will be used	if TXT	(P (CTQ-4)
	= 'D' (Ap	pointment Scheduling)]		
	· ·	0/1		
D. (Data Element Summary		
Ref. Des.	Data	Data Element Summary	Attı	ributes
Ref. <u>Des.</u> POC01		Data Element Summary	<u>Attı</u> O	r <u>ibutes</u> AN 1/20
Des.	Data <u>Element</u>	Data Element Summary	0	AN 1/20
Des.	Data <u>Element</u>	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set	0	AN 1/20
<u>Des.</u> POC01	Data <u>Element</u> 350	Data Element Summary <u>Name</u> Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop.	O within a	AN 1/20 a transaction
Des.	Data <u>Element</u>	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code	0	AN 1/20
<u>Des.</u> POC01	Data <u>Element</u> 350	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item	O within a	AN 1/20 a transaction
<u>Des.</u> POC01	Data <u>Element</u> 350	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values	O within a M	AN 1/20 a transaction ID 2/2
<u>Des.</u> POC01	Data <u>Element</u> 350	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values Receiver should replace the correct the original purchase order with the	O within a M espondin he value	AN 1/20 a transaction ID 2/2 ng values in es contained
Des. POC01	Data <u>Element</u> 350 670	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values Receiver should replace the correct the original purchase order with the in the Purchase Order Change Tree	O within a M espondin he value ransactio	AN 1/20 a transaction ID 2/2 ID values in es contained on Set
<u>Des.</u> POC01	Data <u>Element</u> 350	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values Receiver should replace the correct the original purchase order with the in the Purchase Order Change Tr Product/Service ID Qualifier	O within a M espondin he value ransactio X	AN 1/20 a transaction ID 2/2 ID 2/2 ID values in es contained on Set ID 2/2
Des. POC01	Data <u>Element</u> 350 670	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values Receiver should replace the correct the original purchase order with the in the Purchase Order Change Tree	O within a M espondin he value ransactio X	AN 1/20 a transaction ID 2/2 ID 2/2 ID values in es contained on Set ID 2/2
Des. POC01	Data <u>Element</u> 350 670	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values Receiver should replace the correct the original purchase order with the in the Purchase Order Change Tr Product/Service ID Qualifier Code identifying the type/source of the descriptive nu Product/Service ID (234)	O within a M espondin he value ransactio X	AN 1/20 a transaction ID 2/2 ID 2/2 ID values in es contained on Set ID 2/2
Des. POC01	Data Element 350 670 235	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within POC loop. Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values Receiver should replace the correct the original purchase order with the in the Purchase Order Change Tr Product/Service ID Qualifier Code identifying the type/source of the descriptive number of	O within a M espondin he value ansactio X umber u	AN 1/20 a transaction ID 2/2 ID 2/2 ID values in es contained on Set ID 2/2 ISED in

Μ

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:	 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: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*IX*INQRES NBR (CTQ-8)*INQRES NBR

Data Element Summary

Μ	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	Name Reference Identification Qualifier	<u>Attr</u> M	<u>ibutes</u> ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			INQRES NBR (CTQ-8) = Inquiry Response Number		
	REF03	352	Description	Х	AN 1/80
			A free-form description to clarify the related data element content "INQRES NBR"	nts ai	nd their

POC Line Item Change - Telephone Number

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes: Semantic Notes: Comments: Notes:	0100 POC Detail Optional 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 10 If eit 11 If eit 12 If eit 1 POC	Line Item Change - Telephone Number Optional fy changes to a line item 0C03 is present, then both POC04 and POC05 are required 0C07 is present, then POC06 is required. her POC08 or POC09 is present, then the other is required her POC10 or POC11 is present, then the other is required her POC12 or POC13 is present, then the other is required her POC14 or POC15 is present, then the other is required her POC16 or POC17 is present, then the other is required her POC20 or POC21 is present, then the other is required her POC20 or POC21 is present, then the other is required her POC20 or POC21 is present, then the other is required her POC20 or POC21 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is present, then the other is required her POC26 or POC27 is	ed. ed. ed. ed. ed. ed. ed. ed. ed. ed.	'Β'
Ref.	Data	Data Element Summary		
<u>Des.</u> POC01	<u>Element</u> 350	Name Assigned Identification	Attr O	<u>ributes</u> AN 1/20
POCUI	300	Alphanumeric characters assigned for differentiation wit	-	
		set	11111 6	
		"n" = nth assigned ID within POC loop.		
POC02	670	Change or Response Type Code	Μ	ID 2/2
		Code specifying the type of change to the line item		
		RZ Replace All Values		
BOCOS	235	Receiver should replace the correspondence of the original purchase order with the vision of the Purchase Order Change Trans Product/Service ID Qualifier	value sactio	es contained on Set
POC08	230		X	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	Jer U	
POC09	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"TN"		

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0180 POC Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit	rvice Characteristic Identification Optional fy service characteristic data her SI04 or SI05 is present, then the other is required. her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI10 or SI11 is present, then the other is required. her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI16 or SI17 is present, then the other is required.		
Semantic Notes:	9 If eit	her SI20 or SI21 is present, then the other is required.		
Comments:		defines the source for each of the service characteristic	s qua	alifiers.
Notes:	SITTIAR	Q*SELNUM (CTQ-10)		
Ref.	Data	Data Element Summary		
Des.	Element	Name	<u>Attr</u>	<u>ibutes</u>
SI01	559	Agency Qualifier Code	М	ID 2/2
		Code identifying the agency assigning the code values		
0100	4000	TI Telecommunications Industry		
SI02	1000	Service Characteristics Qualifier	M	AN 2/2
		Code from an industry code list qualifying the type of se characteristics	ivice	
SI03	234	RQ Requested Number Product/Service ID	м	AN 1/48
5103	234	Identifying number for a product or service	IVI	AN 1/40
		SELNUM (CTQ-10) = Selected Number		

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SLN Subline Item Detail

	Segment:	SLN	Subline Item Detail		
	Position:	4600			
	Loop:	SLN	Optional		
	Level: Usage:	Detail Optional			
	Max Use:	1			
	Purpose:	To speci	fy product subline detail item data		
S	Syntax Notes:		her SLN04 or SLN05 is present, then the other is require	d.	
			N07 is present, then SLN06 is required.		
			N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is require	Ь	
			her SLN11 or SLN12 is present, then the other is require		
			her SLN13 or SLN14 is present, then the other is require		
			her SLN15 or SLN16 is present, then the other is require		
			her SLN17 or SLN18 is present, then the other is require		
			her SLN19 or SLN20 is present, then the other is require her SLN21 or SLN22 is present, then the other is require		
			her SLN23 or SLN24 is present, then the other is require		
		12 If eit	her SLN25 or SLN26 is present, then the other is require	d.	
0			her SLN27 or SLN28 is present, then the other is require	d.	
Sen	nantic Notes:		01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The sul	nlina	lovel is
			ogous to the level code used in a bill of materials.	Jine	
			03 is the configuration code indicating the relationship of	the s	subline item
			e baseline item.		
			08 is a code indicating the relationship of the price or am	ount	to the
	Comments:		ciated segment. the Data Element Dictionary for a complete list of IDs.		
	oonnients.		01 is related to (but not necessarily equivalent to) the bas	selin	e item
		num	ber. Example: 1.1 or 1A might be used as a subline num		
			line number 1.		
			09 through SLN28 provide for ten different product/servid . For example: Case, Color, Drawing No., U.P.C. No., ISI		
			or SKU.		
	Notes:		'n*A*1*EA		
	Ref.	Data	Data Element Summary		
	Des.	<u>Element</u>	Name	Attr	ibutes
М	SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation wit	thin a	a transaction
			set		
			"TN"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation wit	hin a	a transaction
			set "n" = nth assigned ID within SLN loop.		
м	SLN03	662	Relationship Code	М	ID 1/1
		••-	Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	х	R 1/15
			Numeric value of quantity		
			1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures A	pper	ndix for
			examples of use)		
М	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
Update	ed: January 21, 20		est Communications International, Inc. D Disclosure Document – Version 9.0		23
		21			

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each

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:

М	Pos. <u>No.</u> 0100	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
Μ	0200	BCA	Beginning Segment for Purchase Order Change Acknowledgment	Μ	1		
	0500	REF	Reference Identification	0	>1		
	1500	DTM	Date/Time Reference	0	10		
	1850	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Bad Response	0	1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	0	1		
		LOOP ID - QTY			>1	
3020	QTY	Quantity	0	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Good Response	0	1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	0	1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Mixed Response	0	1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	0	1		
		LOOP ID - QTY			>1	
3020	QTY	Quantity	0	1		
		LOOP ID - QTY			>1	

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3020	QTY	Quantity	0	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - SLN			1000	
4900	SLN	Subline Item Detail	0	1		
5000	SI	Service Characteristic Identification	0	>1		

Summary:

М

Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - CTT			1	
0100	CTT	Transaction Totals	0	1		n1
0300	SE	Transaction Set Trailer	М	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.

ST Transaction Set Header

	Segment:	ST T	ransaction Set Header					
	Position: Loop:	0100						
	Level:	Heading						
	Usage:	Mandato						
	Max Use:	1						
S	Purpose: yntax Notes:	To indica	ate the start of a transaction set and to assign a control r	าumbe	er			
	antic Notes: Comments:	inter 810 2 The routi	interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).					
	Notes:	CT*065*	TRAN SET CONTROL #					
	Notes.	51 005	TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data						
	Des.	Element	Name		<u>ibutes</u>			
М	ST01	143	Transaction Set Identifier Code	Μ	ID 3/3			
			Code uniquely identifying a Transaction Set					
			865 Purchase Order Change Acknowled Seller Initiated	lgmer	nt/Request -			
М	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the	M ne trai	AN 4/9 nsaction set			
			functional group assigned by the originator for a transa	ction	set			

BCA Beginning Segment for Purchase Order Change

	oegment.		Leginning beginent for i dichase order onange					
			rledgment					
	Position:	0200	0200					
	Loop: Level:	Heading						
	Usage:	Mandato						
	Max Use:	1	, , , , , , , , , , , , , , , , , , ,					
	Purpose:	To indica	ate the beginning of the Purchase Order Change Acknow	ledg	ment			
	•		tion Set and transmit identifying numbers and dates	0				
	Syntax Notes:							
	Semantic Notes:		.06 is the date assigned by the purchaser to purchase or	der.				
			09 is the seller's order number.					
			10 is the date assigned by the sender to the acknowledg 11 is the date of the purchase order change request.	men	t.			
			12 is the order change acknowledgment date.					
	Comments:	0 20/						
	Notes:	BCA*11	*AT*TXNUM (CTR-2)***PO Date (See Trading Partner A	Acces	SS			
		Informat	ion)					
	Def	Dete	Data Element Summary					
	Ref. Des.	Data Element	Namo	۸ + + r	ibutes			
м	BCA01	<u>353</u>	Transaction Set Purpose Code	M	ID 2/2			
			Code identifying purpose of transaction set					
			11 Response					
	BCA02	587	Acknowledgment Type	0	ID 2/2			
	BCAUZ	307		U				
			Code specifying the type of acknowledgment					
	50400		AT Accepted					
М	BCA03	324	Purchase Order Number	Μ	AN 1/22			
			Identifying number for Purchase Order assigned by the					
			orderer/purchaser TXNUM (CTR-2) = Transaction Number					
84	DO 400	070		54				
М	BCA06	373	Date	М	DT 8/8			
М	BCA06	373	Date Date expressed as CCYYMMDD					
М	BCA06	373	Date					

Segment:

REF Reference Identification

Segment:	REF Reference Identification
Position: Loop:	0500
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	 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: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*PO*PON (CTR-6)

Data Element Summary

м	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference	Identification Qualifier	<u>Attr</u> M	<u>ibutes</u> ID 2/3
			Code qualif	ying the Reference Identification		
			PO	Purchase Order Number		
	REF02	127	Reference	Identification	Х	AN 1/30
				nformation as defined for a particular Transa / the Reference Identification Qualifier	actior	Set or as
			PON (CTR-	6) = Purchase Order Number		

DTM Date/Time Reference

oegment.	
Position: Loop:	1500
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:

Segment:

DTM*097*D/TSENT{CCYYMMDD} {CTR-3}*D/TSENT{HHMM} (CTR-3)

Data Element Summary

М	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifier	<u>Attı</u> M	<u>ributes</u> ID 3/3
			Code specifying type of date or time, or both date and ti 097 Transaction Creation	me	
	DTM02	373	Date Date expressed as CCYYMMDD	X	DT 8/8
	DTM03	337	D/TSENT (CTR-3) = Date Sent Time	х	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM or HHMMSSD, or HHMMSSDD, where H = hours (00-23 (00-59), S = integer seconds (00-59) and DD = decimal decimal seconds are expressed as follows: D = tenths (hundredths (00-99) D/TSENT{HHMM} (CTR-3) = Time Sent	3), N seco	HHMMSS, I = minutes onds;

SI a nvice Characteristic Identification

Position: 1850 Loop: Level: Heading Usage: Optional Max Use: >1 Purpose: To specify service characteristic data Syntax Notes: 1 If either S104 or S105 is present, then the other is required. 3 If either S106 or S107 is present, then the other is required. 4 If either S108 or S109 is present, then the other is required. 5 If either S110 or S111 is present, then the other is required. 6 If either S114 or S115 is present, then the other is required. 7 If either S116 or S117 is present, then the other is required. 8 If either S116 or S117 is present, then the other is required. 9 If either S116 or S117 is present, then the other is required. 8 If either S116 or S117 is present, then the other is required. 9 If either S116 or S117 is present, then the other is required. 8 If either S116 or S117 is present, then the other is required. 9 If either S120 or S121 is present, then the other is required. 9 If either S120 or S121 is present, then the other is required. 8 If either S120 or S121 is present, then the other is required. 9 If either S120 or S121 is present, then the other is required. 8 If either S120 or S121 is present, then the other is required. 8 If either S120 or S121 is present, then the other is required. 9 If either S120 or S121 is present, then the other is required. 8 Code identifying the agency assigning the code values T1 Telecommunications Industry M S102 1000 Service Characteristics Qualifier M AN 2/2 Code from an industry code list qualifying the type of service characteristics IR Transaction Activity M S103 234 Product/Service ID M AN 1/48 Identifying number for a product or service Code from an industry code list qualifying the type of service characteristics IQ Inquiry Type 505 234 Product/Service ID X AN 1/48	Segment:	SI Se	rvice Characteristic Identification		
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. 3 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. 9 If either SI18 or SI19 is present, then the other is required. 9 If either SI18 or SI19 is present, then the other is required. 9 If either SI18 or SI19 is present, then the other is required. 9 If either SI18 or SI19 is present, then the other is required. 9 If either SI18 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 1 SI01 defines the source for each of the service characteristics qualifiers. 1 SI02 Octa identifying the agency assigning the code values 1 T Telecommunications Industry M SI02 1000 Service Characteristics Qualifier M AN 2/2 Code from an industry code list qualifying the type of service 1 Cacher form an industry code list qualifying the type of service 1 Cacher form an industry code list qualifying the type of service 1 Cacher form an industry code list qualifying the type of service 1 Cacher form an industry code list qualifying the ty	Position:				
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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 SI16 or SI17 is present, then the other is required. 7 If either SI16 or SI17 is present, then the other is required. 8 If either SI16 or SI17 is present, then the other is required. 9 If either SI16 or SI17 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 9 If either SI10 defines the source for each of the service characteristics qualifiers. Notes: Notes: Notes: Name Attributes M Sl01 Semantic Notes: Notes: Notes: Name Attributes M Sl01 Service Characteristics Qualifier Code M Sl02 1000 Service Characteristics Qualifier M Sl03 234 Product/Service ID M AN 1/48 Identifying numb					
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 9 If either SI20 or SI21 is present, then the other is required. Semantic Notes: Notes: SI*TI*IR*TXACT (CTR-5)*IQ*TXTYP (CTR-4) Data Element Summary Des. Element Mame 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 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 Inquiry Type SI05 234 Product/Service ID X AN 1/48 					
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characteristics IQ Inquiry Type SI05 234 Product/Service ID X AN 1/48	5104	1000			
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SI05 234 Product/Service ID X AN 1/48					
					_
Identitying number for a product or service	0105	004			
	SI05	234		X	AN 1/48
TXTYP (CTR-4) = Transaction Type	SI05	234	Identifying number for a product or service	X	AN 1/48

Segment:	N1 ⊾	lame			
Position:	3000				
Loop:	N1	Optional			
Level:	Heading				
Usage:	Optional				
Max Use:	1				
Purpose:	To ident	ify a party by type of organization, name, and code			
Syntax Notes:	1 At le	ast one of N102 or N103 is required.			
-	2 If eit	her N103 or N104 is present, then the other is required.			
Semantic Notes:					
Comments: Notes:	 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. N105 and N106 further define the type of entity in N101. N1*78*CCNA (CTR-1) 				
		Data Element Summary			
Ref.	Data		• • • •		
Des.	Element			ibutes	
M N101	98	Entity Identifier Code	М	ID 2/3	
		Code identifying an organizational entity, a physical loca an individual 78 Service Requester	ation,	property or	
N102	93	Name	Х	AN 1/60	
		Free-form name			
		CCNA (CTR-1) = Customer Carrier Name Abbreviation			

Sema	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ntax Notes: ntic Notes: Comments:	3000 N1 Heading Optional 1 To ident 1 At le 2 If eit 1 This		•	•
		mus part	t provide a key to the table maintained by the transaction		· ·
	Notes:	N1*BY**	25*CC (CTR-8)		
			Data Element Summary		
	Ref.	Data			
М	<u>Des.</u> N101	Element 98	Name Entity Identifier Code	<u>Attr</u> M	<u>ibutes</u> ID 2/3
			Code identifying an organizational entity, a physical loca an individual BY Buying Party (Purchaser)	ation,	property or
	N103	66	Identification Code Qualifier	x	ID 1/2
			Code designating the system/method of code structure Identification Code (67) 25 Carrier's Customer Code	used	TOP
	N104	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
			CC (CTR-8) = Company Code		

Segment:	POC	Line Item Change - Bad Response		
Position:	0100	.		
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:		fy changes to a line item		
Syntax Notes:		0C03 is present, then both POC04 and POC05 are requi 0C07 is present, then POC06 is required.	rea.	
		her POC08 or POC09 is present, then the other is required.	۵d	
		her POC10 or POC11 is present, then the other is requir		
		her POC12 or POC13 is present, then the other is requir		
		her POC14 or POC15 is present, then the other is requir		
		her POC16 or POC17 is present, then the other is requir		
		her POC18 or POC19 is present, then the other is requir		
		her POC20 or POC21 is present, then the other is requir		
		her POC22 or POC23 is present, then the other is requir her POC24 or POC25 is present, then the other is requir		
		her POC26 or POC27 is present, then the other is requir		
Semantic Notes:		01 is the purchase order line item identification.	ou.	
Comments:				
Notes:	POC*n*F	Z*****ZZ*BAD [POC Loop will be used if RESPONSE	(CTF	R-7) = "B"]
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>		<u>Attr</u>	ibutes
POC01	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with	thin a	a transaction
		set		
D O O O O O O O O O O		"n" = nth assigned ID within POC loop.		15.0%
POC02	670	Change or Response Type Code	М	ID 2/2
		Code specifying the type of change to the line item		
		RZ Replace All Values		
		Receiver should replace the corresp		
		the original purchase order with the		
POC08	235	in the Purchase Order Change Trans Product/Service ID Qualifier		ID 2/2
	200	Code identifying the type/source of the descriptive num		
		Product/Service ID (234)	501 U	
		ZZ Mutually Defined		
POC09	234	Product/Service ID	Χ	AN 1/48

Identifying number for a product or service

"BAD"

Μ

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
r arpooo.	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.	Data

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

OTV -

Segment:	QTY Quantity
Position:	3020
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	 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

QTY*03*ERRNUM(CTR-11)*EA

Data Element Summary

	Ref.	Data	-		
	Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Materia	l	
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			ERRNUM(CTR-11) = Number of Errors		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	\pper	ndix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

	Segment:	N9 F	Reference Identification		
	Position:	3500			
	Loop:	N9	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	1			
	Purpose:	To trans Qualifier	mit identifying information as specified by the Reference	ence Iden	tification
Synt	tax Notes:	1 At le	east one of N902 or N903 is required.		
			906 is present, then N905 is required.		
			ther C04003 or C04004 is present, then the other is		
			ther C04005 or C04006 is present, then the other is	required.	
Seman	tic Notes:		6 reflects the time zone which the time reflects.		
-		2 N90	7 contains data relating to the value cited in N902.		
C	omments:				
	Notes:	N9*1Q*E	ERRCODE (CTR-12)*ERR [N9 Loop repeats ERRN	NUM (CTF	R-11) times]
			Data Element Summary		
	Ref.	Data			
	Des.	Element		Att	ributes
	N901	128	Reference Identification Qualifier	M	ID 2/3
1	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification	-	
1	N901	128		-	
1	N901	128	Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that of	М	ID 2/3
1	N901 N902	128	Code qualifying the Reference Identification 1Q Error Identification Code	М	ID 2/3
1			Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that of found in application-level data	M describes X	ID 2/3 an error AN 1/30
1			Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that of found in application-level data Reference Identification Reference information as defined for a particular T specified by the Reference Identification Qualifier	M describes X	ID 2/3 an error AN 1/30
n.	N902	127	Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that of found in application-level data Reference Identification Reference information as defined for a particular T specified by the Reference Identification Qualifier ERRCODE(CTR-12) = Error Code	M describes X ransaction	ID 2/3 an error AN 1/30 n Set or as
n.	N902	127	Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that of found in application-level data Reference Identification Reference information as defined for a particular T specified by the Reference Identification Qualifier ERRCODE(CTR-12) = Error Code Free-form Description	M describes X ransaction	ID 2/3 an error AN 1/30 n Set or as

IVIIX Text	
3600	
N9 Optional	
Detail	
Optional	
>1	
To specify textual data	
 If MTX01 is present, then MTX02 is required. 	
•	re print", then
•	
MTX^^ERRMESG(CTR-13)	
Data Element Summary Data	
Element Name	<u>Attributes</u>
<u>Element</u> <u>Name</u> 1551 Message Text	<u>Attributes</u> X AN 1/4096
	 3600 N9 Optional Detail Optional >1 To specify textual data 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. 1 MTX05 is the number of lines to advance before printing. 1 If MTX04 is "AA - Advance the specific number of lines before MTX05 is required. MTX**ERRMESG(CTR-13)

POC Line Item Change - Good Response

Segment:	POC Line Item Change - Good 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:	 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"]

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	<u>Attr</u>	<u>ributes</u>
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation waset	thin a	a transaction
			"n" = nth assigned ID within POC loop.		
l	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresp the original purchase order with the in the Purchase Order Change Tran	value	es contained
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined	ber u	sed in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"GOOD"		

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:	 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)
Ref.	Data Element Summary Data

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

POC Line Item Change - Mixed Response

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"]

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	<u>Attr</u>	<u>ributes</u>
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation wi set	thin a	a transaction
			"n" = nth assigned ID within POC loop.		
ł	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresp the original purchase order with the in the Purchase Order Change Tran	value	es contained
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined	ber u	sed in
	POC09	234	Product/Service ID	Х	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. Data Des. Element Name <u>Attributes</u> ACK01 Line Item Status Code M ID 2/2 668 Code specifying the action taken by the seller on a line item requested by the buyer IA Item Accepted ACK27 559 Agency Qualifier Code Х ID 2/2 Code identifying the agency assigning the code values ΤI **Telecommunications Industry** ACK28 822 Source Subqualifier Х AN 1/15 A reference that indicates the table or text maintained by the Source Qualifier "CANCEL" Х ACK29 1271 **Industry Code** AN 1/30 Code indicating a code from a specific industry code list RESPONSE (CTR-7) = Response

OTV -

Segment:	QTY Quantity
Position:	3020
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	 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

QTY*QO*QNCNUM (CTR-9)*EA

	Ref.	Data	-		
	Des.	<u>Element</u>	Name	<u>Attı</u>	<u>ributes</u>
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			QO Operating Quantity		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			QNCNUM (CTR-9) = Quantity of Non-Canceled Telep	hone I	Numbers
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures examples of use)	Арреі	ndix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	oresse	ed, or

OTV -

Segment:	QTY Quantity
Position:	3020
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	 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

QTY*03*ERRNUM (CTR-11)*EA

	Ref.	Data	-		
	Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Materia	1	
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			ERRNUM (CTR-11) = Number of Errors		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	pper	ndix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

	Segment:	N9 F	Reference Identification	
	Position:	3500		
	Loop:	N9	Optional	
	Level:	Detail		
	Usage:	Optional		
	Max Use:	1		
	Purpose:	Qualifier		rence Identification
Synt	tax Notes:		east one of N902 or N903 is required.	
			906 is present, then N905 is required.	
			her C04003 or C04004 is present, then the other is	
			her C04005 or C04006 is present, then the other is	; required.
Seman	ntic Notes:		6 reflects the time zone which the time reflects.	
-		2 N90	7 contains data relating to the value cited in N902.	
C	omments:			
	Notes:	N9*1Q*E	ERRCODE (CTR-12)*ERR [N9 Loop repeats ERR	NUM (CTR-11) times]
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
1	N901	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			1Q Error Identification Code	
			Qualifies a single number that found in application-level data	
	N902	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular	Fransaction Sot or as
			specified by the Reference Identification Qualifier ERRCODE (CTR-12) = Error Code	
	N903	369	specified by the Reference Identification Qualifier	
	N903	369	specified by the Reference Identification Qualifier ERRCODE (CTR-12) = Error Code	
	N903	369	specified by the Reference Identification Qualifier ERRCODE (CTR-12) = Error Code Free-form Description	

Segment:	VIIX Text
Position:	3600
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	 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
Nataa	MTX05 is required.
Notes:	MTX**ERRMESG (CTR-13)
Ref.	Data Element Summary Data
Des.	Element Name <u>Attributes</u>
MTX02	1551 Message Text X AN 1/4096
	To transmit large volumes of message text
	ERRMESG (CTR-13) = Error Message

SLN Subline Item Detail

	Segment:	SLN	Subline Item Detail		
	Position:	4900			
	Loop: Level:	SLN Detail	Optional		
	Usage:	Optional			
	Max Use:	1			
S	Purpose: ntax Notes:		fy product subline detail item data her SLN04 or SLN05 is present, then the other is required	4	
0	ymax notes.		N07 is present, then SLN06 is required.		
			N08 is present, then SLN06 is required.		
			her SLN09 or SLN10 is present, then the other is required her SLN11 or SLN12 is present, then the other is required		
		6 If eit	her SLN13 or SLN14 is present, then the other is required	d.	
			her SLN15 or SLN16 is present, then the other is required her SLN17 or SLN18 is present, then the other is required		
			her SLN19 or SLN20 is present, then the other is required		
		10 If eit	her SLN21 or SLN22 is present, then the other is required	d.	
			her SLN23 or SLN24 is present, then the other is required her SLN25 or SLN26 is present, then the other is required		
			her SLN27 or SLN28 is present, then the other is required		
Sem	antic Notes:		01 is the identifying number for the subline item.	المعا	aval ia
			02 is the identifying number for the subline level. The sub ogous to the level code used in a bill of materials.	iine i	everis
		3 SLN	03 is the configuration code indicating the relationship of t	the s	ubline item
			e baseline item. 08 is a code indicating the relationship of the price or amo	ount [,]	to the
			ciated segment.	June	
	Comments:		the Data Element Dictionary for a complete list of IDs.		
			01 is related to (but not necessarily equivalent to) the bas ber. Example: 1.1 or 1A might be used as a subline numb		
		base	line number 1.		
			09 through SLN28 provide for ten different product/servic . For example: Case, Color, Drawing No., U.P.C. No., ISE		
			or SKU.		
	Notes:	SLN*MI>	(ED*n*A*1*EA		
			Data Element Summary		
	Ref.	Data			
М	<u>Des.</u> SLN01	<u>Element</u> 350	Name Assigned Identification	<u>Attri</u> M	<u>butes</u> AN 1/20
	OLIVOT	550	Alphanumeric characters assigned for differentiation with		
			set		
		250	"MIXED"	~	ANI 4/20
	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation with	0 hin a	AN 1/20
			set	iin a	liansaction
			"n" = nth assigned ID within SLN loop.		
М	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities A Add		
	SLN04	380	Quantity	х	R 1/15
			Numeric value of quantity		
			1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures A) examples of use)	ppen	dix for
м	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
Updated	1: January 21, 20		est Communications International, Inc.		47
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Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each

Service Characteristic Identification

Segment:	SI Se	rvice Characteristic Identification		
Position:	5000			
Loop:	SLN	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:		ify service characteristic data		
Syntax Notes:		her SI04 or SI05 is present, then the other is required.		
		her SI06 or SI07 is present, then the other is required.		
		her SI08 or SI09 is present, then the other is required.		
		her SI10 or SI11 is present, then the other is required.		
		her SI12 or SI13 is present, then the other is required.		
		her SI14 or SI15 is present, then the other is required.		
		her SI16 or SI17 is present, then the other is required.		
		her SI18 or SI19 is present, then the other is required.		
Semantic Notes:	9 II eit	her SI20 or SI21 is present, then the other is required.		
Comments:	1 SI01	defines the source for each of the service characteristic	e aus	alifiare
Notes:		I*NCTN (CTR-10) [SI Segment repeats QNCNUM (CTF		
Notes.	51111	(Chi long long long long long long long long	(-3) u	inesj
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
M SI01	559	Agency Qualifier Code	Μ	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI02	1000	Service Characteristics Qualifier	М	AN 2/2
		Code from an industry code list qualifying the type of se	ervice	•
		characteristics		
		TN Telephone Number		
M SI03	234	Product/Service ID	М	AN 1/48
		Identifying number for a product or service		
		NCTN (CTR-10) = Non-Canceled Telephone Number		

CTT -------

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:	 If either CTT03 or CTT04 is present, then the other is required. If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes:	CTT*Number of POC Segments
	Data Element Summary
Ref.	Data

М	Des.	Element	<u>Name</u>	<u>Attı</u>	<u>ributes</u>
	CTT01	354	Number of Line Items	M	N0 1/6
			Total number of line items in the transaction set		

SF Transaction Set Trailer

	Segment:	SE 1	ransaction Set Trailer					
	Position:	0300						
	Loop:							
	Level:	Summar	у					
	Usage:	Mandato	ry					
	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)					
Syn	tax Notes:	U		,				
Semar	tic Notes:							
С	omments:	1 SE i	s the last segment of each transaction set.					
	Notes:	SE*Num	ber of Segments*TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data						
	Des.	Element	Name	Attributes				
Μ	SE01	96	Number of Included Segments	M N0 1/10				
			Total number of segments included in a transaction set	including ST				

and SE segments **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: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes:	4700 SLN Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit	rvice Characteristic Identification Optional fy service characteristic data her SI04 or SI05 is present, then the other is required. her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI10 or SI11 is present, then the other is required. her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI20 or SI21 is present, then the other is required.	s qua	alifiers.
Notes:		/*TNRES (CTQ-11) [SI Segment repeats SELNUM (CTC		
		Data Element Summary		
Ref. <u>Des.</u> SI01	Data <u>Element</u> 559	Name Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	<u>Attr</u> M	<u>ibutes</u> ID 2/2
SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of se characteristics RV Reserved Number	M rvice	AN 2/2
SI03	234	Product/Service ID Identifying number for a product or service TNRES (CTQ-11) = Telephone Number Response	Μ	AN 1/48

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CTT -.... n Totol

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:	 If either CTT03 or CTT04 is present, then the other is required. 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.	Data

М	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ributes</u>
	CTT01	354	Number of Line Items	M	N0 1/6
			Total number of line items in the transaction set		

SF Transaction Set Trailer

	Segment:	SE 1	Fransaction 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 transmitter segments (including the beginning (ST) and ending (SE) segments)					t
Syn	tax Notes:	U		,		
Semar	tic Notes:					
Comments:		1 SE is the last segment of each transaction set.				
	Notes: SE*Number of Segments*TRAN SET CONTROL #					
Data Element Summary						
	Ref.	Data				
	Des.	Element	Name	۵ttri	butes	
М	SE01	96		М	N0 1/10	
			Total number of segments included in a transaction set in and SE segments	nclu	ding ST	
			-		-	

Transaction Set Control Number

Identifying control number that must be unique within the transaction set

functional group assigned by the originator for a transaction set

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