Telephone Number (TN) Reservation Transaction Cycle Table of Contents

9. TEL	EPHONE NUMBER (TN) RESERVATION TRANSACTION CYCLE	2
9.1	BUSINESS DESCRIPTION	2
9.2	BUSINESS MODEL	4
9.3	DEVELOPER WORKSHEETS	
9.4	TRADING PARTNER A CCESS INFORMATION	
9.4.	••••••••••••••••••••••••••••••••••••••	
9.4.	2 ISA TABLE INFORMATION	8
9.4.		
9.4.	4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS	10
9.5	MAPPING EXAMPLES	
9.5.		
9.5.	,,,,,,,	
9.5.		
9.5.		
9.6	DATA DICTIONARY	
9.6.		
9.6.	- ····	
9.6.		
9.6.	4 865 Telephone Number Selection Response (865TNSR)	88

9. Telephone Number (TN) Reservation Transaction Cycle

9.1 Business Description

TN Reservation provides CLECs with the capability to reserve one or more telephone number(s) with an 'available' status. TN Reservation is used when an end user is requesting new service, adding a feature, (such as distinctive ringing), on an existing service, adding a new line for an existing service, requesting a change of telephone number, or is moving to an area outside of the current local service office (LSO).

In a Telephone Number Availability Query (TNAQ), a CLEC may request up to nine standard telephone numbers, or up to three custom telephone numbers based on information from an Address Validation transaction. A Purchase Order Number (PON) is required for a TNAQ to match up with the PON of the local service request (LSR) that will use the reserved TNs.

After the CLEC submits the TNAQ, they will receive a TN Availability Response (TNAR). The TNAR includes a list of available telephone numbers for the end-user's address and the preferred prefix, when possible. This list identifies TN(s) that are pre-reserved specifically to the PON included on the request. The CLEC is not required to submit a TN Select Query (TNSQ) to use the pre-reserved TN(s). To avoid tying up TN resources, the CLEC must submit an LSR with the PON corresponding to the TNAR transaction within thirty calendar days, or the pre-reserved TNs will be returned to Qwest.

A TNSQ is required if the CLEC wants a subset or different TN(s) than the one(s) pre-reserved in TNAR. A PON is required in this query to match up with the PON of the LSR that will use the reserved TNs. As noted above, the CLEC must submit an LSR with the PON that corresponds to the reserved TNs within thirty days.

If telephone numbers are reserved in pre-order, the PON entered on the service request must match the PON used in pre-order.

Custom numbers (also known as good, vanity or easy numbers) are new functionality in the IMA pre-order GUI and EDI. Custom numbers allow a customer to select telephone numbers that are easy to remember or dial. The customer has a choice of selecting between two types of custom numbers: easy numbers or easy word numbers. Easy numbers consist of 10 categories (see below). These categories offer a variety of telephone numbers that a user may select. For example, it is possible for a user to select the last four digits as repeating (XXX-XXX-6565), or the last three numbers to be the same (XXX-XXX-7999). The second type of custom number that may be requested is an easy word number. An easy word number can consist of actual words (alpha characters A-Y, excluding Q), or numeric characters (0-9). An easy word number can be from one to seven characters long. For example, a customer may request the last four digits to be "DOGS". Alternatively, a customer may also request the last four digits to be 3674 (which is the number equivalent of the word DOGS, D=3, O=6, G=7, S=4).

In addition to custom numbers, a CLEC can also request telephone numbers that closely match an existing telephone number. These are known as nearby telephone numbers. For example, a customer may request a telephone number that is close to 303-659-1119. Or, as another option, a customer may request consecutive blocks of regular telephone numbers. This feature is not available for nearby telephone numbers, easy numbers, or easy word numbers. An example of a consecutive block of telephone numbers would be 303-857-1000, 303-857-1001, 303-857-1002, 303-857-1003, and 303-857-1004. Categories for easy numbers:

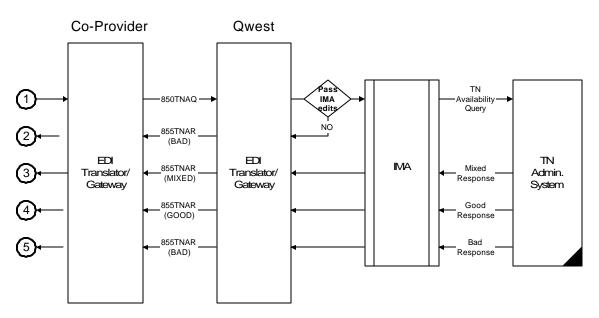
1=Any 3 Same (XYXX) 2=Brackets (XYYX) 3=2 Repeated (XYXY) 4=First 3 Same (XXXY) 5=Hundreds (XX00) 6=2 Pair (XXYY) 7= Last 3 same (XYYY) 8=Ladders (WXYZ,ZYXW) 9=4 of a Kind (XXXX) 10= Thousands (X000)

9.2 Business Model

TN Availability

TN Reservation provides Co-Providers with the capability to identify one or more telephone numbers as available and to reserve them. In the TN Availability Query (TNAQ) activity, the Co-Provider may request up to 20 numbers based on a validated address and other information obtained from the Address Validation transaction. After the Co-Provider submits the TNAQ, they will receive a TN Availability Response (TNAR) with pre-reserved TN(s). The Co-Provider is not required to submit a TN Select Query (TNSQ) to use the pre-reserved TN(s).

TN Availability



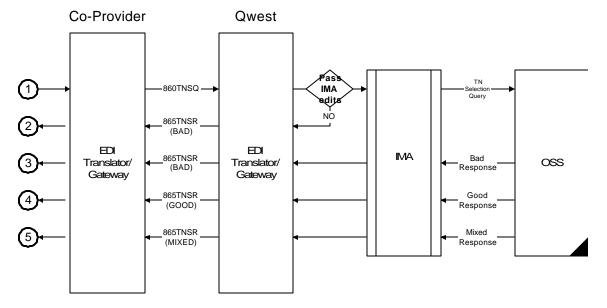
- 1. The Co-Provider submits an 850TNAQ to request up to 20 numbers. A PON, purchase order number, is needed for this query.
- 2. If the 850TNAQ fails the IMA edits, an 855TNAR (BAD) will be returned.

If the 850TNAQ passes the IMA edits, the query will be sent to the TN Administration System. The System will respond with one of three conditions: MIXED, GOOD, or BAD.

- 3. An 855TNAR (MIXED) will be returned when a total of 20 TN's cannot be returned. The 855TNAR (MIXED) will return as many TN's as possible, accompanied with error messages. The TN's returned will be reserved for 30 calendar days. The Co-Provider must submit an LSR with a corresponding PON within a pre-determined time frame (e.g., 30 calendar days) from the TN Availability Transaction or the reservation will be canceled by QWEST. The Co-Provider may also initiate an 860CTQ, Cancellation Query Transaction, to cancel the TN reservations.
- 4. An 855TNAR (GOOD) will be returned when a total of 20 TN's are available. These TN's will be reserved in the TN Administration System for a configurable amount of time, currently set to 30 calendar days. To avoid tying up TN resources, the Co-Provider must submit an LSR with a corresponding PON within a pre-determined time frame (e.g., 30 calendar days) from

the TN Availability Transaction or the reservation will be canceled by QWEST. The Co-Provider may also initiate an 860CTQ, Cancellation Query Transaction, to cancel the TN reservations.

 An 855TNAR (BAD) will be returned if no TN's can be returned or the TN availability query encounters an error in the TN Administration System. The 855TNAR (BAD) will return one or more error messages.



TN Selection

- After receiving an 855TNAR (GOOD) or an 855TNAR (MIXED), TNSQ is required if the Co-Provider wants different TN(s) than the one(s) pre-reserved in TNAR. If the Co-Provider submits a TNSQ for a PON, all pre-reserved TNs from the PON are returned to the reservation system. The Co-Provider must request all new TNs within the TNSQ, and cannot include any TNs provided in the original TNAR for the PON. To avoid tying up TN resources, the Co-Provider must submit an LSR with a PON corresponding to the TNSQ transaction within 30 calendar days or the TNs reserved will be returned to Qwest. This Selection query is not required since the TNs returned in the 855TNAR (GOOD) or an 855TNAR (MIXED), are in selected status in the TN Administration System
- 2. If the 860TNSQ fails the IMA edits, an 865TNSR (BAD) will be returned. If the 860TNSQ passes the IMA edits, the query will be sent to the TN Administration System. This system will respond with one of the two conditions: BAD or GOOD.
- 3. An 865TNSR (BAD) will be returned when the TN Selection Query encounters an error in the TN Administration System. For example, after an 855TNAR (GOOD) has been returned to the Co-Provider and 30 minutes has elapsed, QWEST will cancel the TN reservation in the TN Administration System. After that, if an 860TNSQ is received for those previously reserved TN's, an 865TNSR (BAD) will be returned.
- 4. When an 865TNSR (GOOD) is returned: To avoid tying up TN resources, the Co-Provider must submit an LSR with a corresponding PON within a pre-determined time frame (e.g., 30 calendar days) from the TN Selection Transaction or the reservation will be canceled by QWEST. The Co-Provider may also initiate an 860CTQ, Cancellation Query Transaction, to cancel the TN reservations.

5. An 865TNSR (MIXED) will be returned when the TN Selection Query is successful with reserving at least one TN, but encounters an error in the TN Administration System while attempting to reserve one or more of the other TN's.

9.3 Developer Worksheets

See Appendix A - Developer Worksheets - PreOrder

9.4 Trading Partner Access Information

PRE-ORDER FUNCTION	PRODUCT ID
Telephone Number Availability Query	850TNAQ
Telephone Number Availability Response	855TNAR
Telephone Number Selection Query	860TNSQ
Telephone Number Selection Response	865TNSR

9.4.1 **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.

9.4.2 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' (<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
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)

9.4.3 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)	<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
Telephone Number Availability Query	Receive	850TNAQ	PO	Co-Provider TP ID	TNA90
Telephone Number Availability Response	Send	855TNAR	PR	TNA90	Co-Provider TP ID
Telephone Number Selection Query	Receive	860TNSQ	PC	Co-Provider TP ID	TNS90
Telephone Number Selection Response	Send	865TNSR	CA	TNS90	Co-Provider TP ID

9.4.4 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

9.5 Mapping Examples

9.5.1	850 Telephone	Number Availability	Query	(850TNAQ)) – Version 4020
-------	---------------	---------------------	-------	-----------	------------------

Or make a l/D a final ti a n	E
Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	PON
Superscript = Developer's Worksheet Ref #	TNAR-2
DWS used in this mapping example:	
TNAQ =Telephone Number Availability Query	
TNAR =Telephone Number Availability Response	
TNSQ =Telephone Number Selection Query	
TNSR = Telephone Number Selection Response	
Italics = Literal	GOOD
<u>Underline</u> = Apply code conversion, used with	<u>ACT</u>
Bold/Italics .Code conversion tables can be	
found in the data dictionary of this disclosure.	
[] = 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	= Actual element separator in
data dictionary.	an EDI transaction.
> = Sub-element separator in this example and	non-printable characters of
related data dictionary.	"0x1f" = Actual sub-element
	separator in an EDI transaction.

ST*850*TRAN SET CONTROL # BEG*28*IN**TXNUM*^{TNAQ-2}**PO Date(See Trading Partner Access Information) REF*PO**PON*^{TNAQ-8} DTM*097**D/TSENT*{CCYYMMDD}^{TNAQ-3}**D/TSENT* {HHMM}^{TNAQ-3} SI*TI*IR**TXACT*^{TNAQ-5}*IQ**TXTYP*^{TNAQ-4} N1*78**CCNA*^{TNAQ-1} N1*BY**25**CC*^{TNAQ-6}

ADDRESS

PO1*n*1*EA***ZZ*TNAQ SI*TI*SS*SCATEG^{TNAQ-37}*IC*SITEID^{TNAQ-38}*LO*TTA^{TNAQ-39}*NP*NPA^{TNAQ-42}*LX*NXX^{TNAQ-42a}*T0*TNTYPE^{TNAQ-43} SI*TI*NB*NTNUM^{TNAQ-42b}*RQ*ECATEG^{TNAQ-44c}*ZZ*EWORD^{TNAQ-44d}*Z9*EJUST^{TNAQ-44e} PID*S**TI*CBLK**SO-RSQ*CBLOCK^{TNAQ-44a} PID*S**TI*ENUM***SO-RSQ*EASNUM^{TNAQ-44b} QTY*B3*QNR^{TNAQ-44}*EA N1*IT*ADDRESS N4**STATE^{TNAQ-33}*ZIP^{TNAQ-34}**RJ*CALA^{TNAQ-35} NX2*01*SANO^{TNAQ-13} NX2*01*SASD^{TNAQ-16} NX2*03*SASD^{TNAQ-16} NX2*03*SASD^{TNAQ-30} NX2*06*ROUTE^{TNAQ-32} NX2*07*CITY^{TNAQ-32} NX2*07*CITY^{TNAQ-32} NX2*40***SASS**^{TNAQ-18} NX2*59***SAPR**^{TNAQ-12} NX2*61***SASF**^{TNAQ-14} NX2*62***SATH**^{TNAQ-17} NX2*<u>LD1</u>^{TNAQ-22}**LV1*^{TNAQ-23} NX2*<u>LD2</u>^{TNAQ-24}**LV2*^{TNAQ-25} NX2*<u>LD3</u>^{TNAQ-26}**LV3*^{TNAQ-27} SI*TI*AF***AFT**^{TNAQ-11}

CTT*Number of PO1 Segments SE*No of Segments*TRAN SET CONTROL # 9.5.2 855 Telephone Number Availability Response (855TNAR) – Version 4020

ST*855*TRAN SET CONTROL # BAK*11*AT* **TXNUM**^{TNAR-2}*PO Date(See Trading Partner Access Information) REF*PO***PON**^{TNAR-6} DTM*097***D/TSENT**{CCYYMMDD}^{TNAR-3}***D/TSENT**{HHMM}^{TNAR-3} SI*TI*IR***TXACT**^{TNAR-5}*IQ***TXTYP**^{TNAR-4} N1*78***CCNA**^{TNAR-1} N1*BY**25***CC**^{TNAR-8}

BAD

```
PO1*n*1*EA***ZZ*BAD [PO1 Loop will be used if RESPONSE<sup>TNAR-7</sup> = "B"]
SI*TI*SS*SCATEG<sup>TNAR-13</sup>*IC*SITEID<sup>TNAR-14</sup>*LO*TTA<sup>TNAR-15</sup>*RQ*REQNUM<sup>TNAR-16</sup>*T0*TNTYPE<sup>TNAR-18</sup>
ACK*IR*************TI*TELEPHONE*RESPONSE<sup>TNAR-7</sup>
QTY*03*ERRNUM<sup>TNAR-21</sup>*EA
N9*1Q*ERRCODE<sup>TNAR-22</sup>*ERR [N9 Loop repeats ERRNUM<sup>TNAR-21</sup> times]
MTX**ERRMESG<sup>TNAR-23</sup>
```

GOOD

PO1*n*1*EA***ZZ*GOOD [PO1 Loop will be used if **RESPONSE**^{TNAR-7} = "G"] SI*TI*SS***SCATEG**^{TNAR-13}*IC***SITEID**^{TNAR-14}*LO***TTA**^{TNAR-15}*RQ***REQNUM**^{TNAR-16}*T0***TNTYPE**^{TNAR-18} ACK*IA****************TI**TELEPHONE****RESPONSE**^{TNAR-7} QTY*SW***TNCOUNT**^{TNAR-19}*EA SLN*GOOD*n*A*1*EA [SLN Loop repeats **TNCOUNT**^{TNAR-19} times] SI*TI*RV***TNRES**^{TNAR-20} PID*X**TI*CUSTOMIND***SO-RSQ***CUSTOMIND**^{TNAR-20a}

MIXED

PO1*n*1*EA***ZZ* *MIXED* [PO1 Loop will be used if *RESPONSE*^{TNAR-7} = "M"] SI*TI*SS**SCATEG*^{TNAR-13}*IC**SITEID*^{TNAR-14}*LO**TTA*^{TNAR-15}*RQ**REQNUM*^{TNAR-16}*T0**TNTYPE*^{TNAR-18} ACK*IA***************TI**TELEPHONE***RESPONSE*^{TNAR-7} QTY*SW**TNCOUNT*^{TNAR-19}*EA QTY*03**ERRNUM*^{TNAR-21}*EA N9*1Q**ERRCODE*^{TNAR-22}**ERR* [N9 Loop repeats *ERRNUM*^{TNAR-21} times] MTX***ERRMESG*^{TNAR-23} SLN**MIXED**n *A*1 *EA [SLN Loop repeats *TNCOUNT*^{TNAR-19} times] SI*TI*RV**TNRES*^{TNAR-20} PID*X**TI*CUSTOMIND***SO-RSQ**CUSTOMIND*^{TNAR-20a}

CTT*Number of PO1 Segments SE*No of Segments*TRAN SET CONTROL # 9.5.3 860 Telephone Number Selection Query (860TNSQ) – Version 4020

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

POC*n*RZ*****ZZ**TNSQ* SI*TI*RQ**SELNUM*^{TNSQ-9} PAM*B3**SNR*^{TNSQ-8}*EA

[SI repeats SNR^{TNSQ-8} times]

CTT*Number of POC Segments SE*No of Segments*TRAN SET CONTROL # 9.5.4 865 Telephone Number Selection Response (865TNSR) – Version 4020

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

BAD

POC*n*RZ*****ZZ*BAD[POC Loop will be used if RESPONSEACK*IR****************************TI*TELEPHONE*RESPONSE"NSR-7"QTY*03*ERRNUMTNSR-30*EAN9*1Q*ERRCODETNSR-31*ERRMTX**ERRMESG[N9 Loop repeats ERRNUM

GOOD

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

MIXED

CTT*Number of POC Segments SE*No of Segments*TRAN SET CONTROL #

9.6 DATA DICTIONARY

9.6.1 850 Telephone Number Availability Query (850TNAQ)

Functional Group ID=PO

Introduction:

The 850TNAQ will be used by the Co-Provider to initiate a TN Availability Query to Qwest.

This implementation guideline is based on the following:

1. ANSI ASC X12 Version 4020

Notes:

This 850 Transaction includes the mappings for Telephone Number Availability Query.

Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	0100	ST	Transaction Set Header	М	1		
М	0200	BEG	Beginning Segment for Purchase Order	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)
	3100	N1	Name	0	1		
			LOOP ID - N1			200)
	3100	N1	Name	0	1		

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PO1			100000)
М	0100	PO1	Baseline Item Data - Telephone Number Availability Query	Μ	1		n1
	0180	SI	Service Characteristic Identification	0	>1		
			Loop ID - PID			1000)
	0500	PID	Product/Item Description	0	1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - N1			200)
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		

Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0

Summary:

	Pos. <u>No.</u>	Seg. ID	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>	
			LOOP ID - CTT			1		
	0100	CTT	Transaction Totals	0	1		n2	
М	0300	SE	Transaction Set Trailer	М	1			

Transaction Set Notes

- **1.** PO102 is required.
- 2. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Transaction	Set	Header
	Jei	lieauei

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	0100 Heading Mandato 1 To indica 1 To indica 1 The of th defir 2 The trans	Transaction Set Header Ty ate the start of a transaction set and to assign a control nu transaction set identifier (ST01) is used by the translation e interchange partners to select the appropriate transaction ition (e.g., 810 selects the Invoice Transaction Set). implementation convention reference (ST03) is used by the slation routines of the interchange partners to select the opriate implementation convention to match the transaction	routii on set e	nes t
Comments: Notes:		ition. TRAN SET CONTROL #		_
Def	Data	Data Element Summary		
Ref. <u>Des.</u>	Data <u>Element</u>	Name		
Attributes I ST01	143	Transaction Set Identifier Code	м	ID 3/3
I ST02	329	Code uniquely identifying a Transaction Set850Purchase OrderTransaction Set Control NumberIdentifying control number that must be unique within the functional group assigned by the originator for a transact		

Μ

Μ

	Segment: Position: Loop: Level: Usage: Max Use: Purpose:	0200 Heading Mandato 1 To indica	Beginning Segment for Purchase Order	nd	
	Syntax Notes: Semantic Notes: Comments:		05 is the date assigned by the purchaser to purchase ord		
	Notes:	BEG*28* Informati	IN*TXNUM(TNAQ-2)**PO Date (See Trading Partner Acce on)	ess	
	Ref. Des.	Data <u>Element</u>	Data Element Summary <u>Name</u>		
м	<u>Attributes</u> BEG01	353	Transaction Set Purpose Code	м	ID 2/2
			Code identifying purpose of transaction set 28 Query		
Μ	BEG02	92	Purchase Order Type CodeCode specifying the type of Purchase OrderINInformation Copy	М	ID 2/2
Μ	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	Μ	AN 1/22
М	BEG05	373	TXNUM(TNAQ-2) = Transaction Number Date Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner A	M	DT 8/8
			Information)		

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: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*PO*PON(TNAQ-8)
	Data Element Summary
Ref.	Data
Des.	Element Name

Reference Identification Qualifier

Reference Identification

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier PON(TNAQ-8) = Purchase Order Number

Purchase Order Number

Reference information as defined for a particular Transaction Set or as

М

Attributes

REF01

REF02

128

127

PO

ID 2/3

AN 1/30

Μ

Х

Segment:	DTM Date/Time Reference
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. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes: Comments:	
Notes:	DTM*097*D/TSENT{CCYYMMDD}(TNAQ-3)*D/TSENT{HHMM}(TNAQ-3)

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

	Data Element Summary		
ta <u>nent</u> <u>N</u>	ame		
74 D	ate/Time Qualifier	Μ	ID 3/3
С	ode specifying type of date or time, or both date and tim 097 Transaction Creation	е	
-		X	DT 8/8
_	•		
87 T	ime	Х	TM 4/8
or (C de hi	r HHMMSSD, or HHMMSSDD, where H = hours (00-23), 00-59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0- undredths (00-99)	M = econ	minutes ds;
	Normalized Normalized 74 D 73 D 73 D 74 D 75 T 70 T 10 ((11) 11 ((11) 12 ((11) 13 ((11) 14 ((11) 15 ((11) 16 ((11) 17 ((11) 18 ((11) 19 ((11) 10 ((11) 11 ((11) 12 ((11) 13 ((11) 14 (11) 15 (11) 16 (11) 17 (11) 18 (11) 19 (11) 10 (11) 11 (11) 12 (11) 13 (11) 14 (11) 15 (11)	 ta Name Date/Time Qualifier Code specifying type of date or time, or both date and tim 097 Transaction Creation Date Date expressed as CCYYMMDD D/TSENT(TNAQ-3) = Date Sent Time 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 seconds 	ta Name 74 Date/Time Qualifier M Code specifying type of date or time, or both date and time 097 Transaction Creation 73 Date X Date expressed as CCYYMMDD D/TSENT(TNAQ-3) = Date Sent 77 Time X Time expressed in 24-hour clock time as follows: HHMM, or H or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = (00-59), S = integer seconds (00-59) and DD = decimal secon decimal seconds are expressed as follows: D = tenths (0-9) at hundredths (00-99)

М

Segment:	SI Service Characteristic Identification
Position: Loop:	1850
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(TNAQ-5)*IQ*TXTYP(TNAQ-4)

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
SI01	559	Agency Qualifier Code	Μ	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
		Code from an industry code list qualifying the type of servi characteristics	ice	
		IR Transaction Activity		
SI03	234	Product/Service ID	Μ	AN 1/48
		Identifying number for a product or service		
		TXACT(TNAQ-5) = Transaction Acitivity		
SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
		Code from an industry code list qualifying the type of serv characteristics	ice	
		IQ Inquiry Type		
SI05	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		TXTYP(TNAQ-4) = Transaction Type		
	Des. Attributes SI01 SI02 SI03 SI04	Des. AttributesElementSI01559SI021000SI03234SI041000	Des. Attributes Element Name SI01 559 Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry SI02 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic Code from an industry code list qualifying the type of servic SI03 234 Product/Service ID Identifying number for a product or service TXACT(TNAQ-5) = Transaction Activity SI04 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic Code from an industry code list qualifying the type of servic SI04 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic Code from an industry code list qualifying the type of servic SI05 234 Product/Service ID Inquiry Type SI05 234 Product/Service ID Identifying number for a product or service	Des. AttributesElementNameSI01559Agency Qualifier CodeM559Agency Qualifier CodeMCode identifying the agency assigning the code valuesTiTelecommunications IndustrySI021000Service Characteristics QualifierMCode from an industry code list qualifying the type of service characteristicsIRTransaction ActivitySI03234Product/Service IDMIdentifying number for a product or service TXACT(TNAQ-5) = Transaction ActivityMSI041000Service Characteristics QualifierXCode from an industry code list qualifying the type of service characteristicsIdentifying number for a product or serviceMSI041000Service Characteristics QualifierXCode from an industry code list qualifying the type of service characteristicsIdentifying number for a product or serviceXSI05234Product/Service IDXIdentifying number for a product or serviceX

Segment:	N1 Name
Position:	3100
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:	 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.
Notes:	N1*78*CCNA(TNAQ-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identif	ier Code	М	ID 2/3
		Code identifyi an individual 78	ng an organizational entity, a phys Service Requester	sical location,	property or
N102	93	Name		Х	AN 1/60
		Free-form name	ne		
		CCNA(TNAQ-	1) = Customer Carrier Name Abbr	eviation	

Segment:	N1 Name
Position:	3100
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:	 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.
Notes:	N1*BY**25*CC(TNAQ-6)

		Data Element Summary		
Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
N101	98	Entity Identifier Code	M ID 2/3	
		Code identifying an organizational entity, a phy an individual	ysical location, property	′ or
		BY Buying Party (Purchaser)		
N103	66	Identification Code Qualifier	X ID 1/2	
		Code designating the system/method of code s Identification Code (67)	structure used for	
		25 Carrier's Customer Code		
N104	67	Identification Code	X AN 2/8	30
		Code identifying a party or other code		
		CC(TNAQ-6) = Company Code		

Μ

Segment:	PO1 Baseline Item Data - Telephone Number Availability Query
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	 If PO103 is present, then PO102 is required.
Cyntax Hotes.	2 If PO105 is present, then PO104 is required.
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	• • •
	· · · · · · · · · · · · · · · · · · ·
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	 See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per
	each item For example: Case Color Drawing No. LLP.C. No. ISBN

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*TNAQ

Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	nat	ransaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	ssed	, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"TNAQ"		

Segment:	SI Service Characteristic Identification
Position: Loop: Level:	0180 PO1 Mandatory Detail
Usage: Max Use:	Optional >1
Purpose: Syntax Notes:	 To specify service characteristic data If either SI04 or SI05 is present, then the other is required. If either SI06 or SI07 is present, then the other is required. If either SI08 or SI09 is present, then the other is required. If either SI10 or SI11 is present, then the other is required. If either SI12 or SI13 is present, then the other is required. If either SI14 or SI15 is present, then the other is required. If either SI16 or SI17 is present, then the other is required. If either SI16 or SI17 is present, then the other is required. If either SI18 or SI19 is present, then the other is required.
Semantic Notes: Comments:	 9 If either SI20 or SI21 is present, then the other is required. 1 SI01 defines the source for each of the service characteristics
Notes:	qualifiers. SI*TI*SS*SCATEG(TNAQ-37)*IC*SITEID(TNAQ-38)*LO*TTA(TNAQ- 39)*NP*NPA(TNAQ-42)*LX*NXX(TNAQ-42a)*T0*TNTYPE(TNAQ-43) SI*TI*NB*NTNUM(TNAQ-42b)*RQ*ECATEG(TNAQ-44c)*ZZ*EWORD(TNAQ- 44d)*Z9*EJUST(TNAQ-44e)

			Data Elemen	n Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes	550	A			
М	SI01	559	Agency Qualifie		Μ	ID 2/2
				the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charac	teristics Qualifier	М	AN 2/2
			Code from an inc characteristics	dustry code list qualifying the type of ser	vice	
			NB	Nearby Telephone Number		
			SS	Service Sub-category		
М	SI03	234	Product/Servic	e ID	М	AN 1/48
			Identifying number	er for a product or service		
			```	<ul><li>37) = Search Category</li><li>2b) = Nearby Telephone Number</li></ul>		
	SI04	1000	•	teristics Qualifier	Х	AN 2/2
			Code from an inc characteristics	dustry code list qualifying the type of serv	/ice	
			IC	Interexchange Carrier Serving Office		
			RQ	Requested Number		
	SI05	234	Product/Servic	e ID	Х	AN 1/48
			Identifying number	er for a product or service		
			SITEID(TNAQ-38	3) = Site ID 44c) = Easy Number Category		
	SI06	1000		teristics Qualifier	Х	AN 2/2
				dustry code list qualifying the type of serv	/ice	-
Jpdated:	March 11, 2002	2 Qw	est Communicatior	ns International, Inc.		26

		LO ZZ	Local Exchange Carrier Serving Offic Mutually Defined	е	
SI07	234	Product/Service	=	Χ	AN 1/48
			er for a product or service		
			Traffic Terminating Area 4d) = Easy Word to Find		
SI08	1000	•	eristics Qualifier	Х	AN 2/2
		characteristics	lustry code list qualifying the type of ser		-
		NP	North America Numbering Plan (NAN	IP)	
		Z9	Mutually Defined		
SI09	234	Product/Service		Х	AN 1/48
			er for a product or service		
		•	e) = Easy Word Justification		
SI10	1000		eristics Qualifier	Х	AN 2/2
		characteristics	lustry code list qualifying the type of ser	vice	
		LX	Local Exchange		
SI11	234	Product/Service		Х	AN 1/48
			er for a product or service		
014.0	4000	NXX(TNAQ-42a) =		V	
SI12	1000		eristics Qualifier	. <b>X</b>	AN 2/2
		code from an ind characteristics	lustry code list qualifying the type of ser	vice	
		TO	Telephone Number Type		
SI13	234	Product/Service		Х	AN 1/48
		Identifying numbe	er for a product or service		
		TNTYPE(TNAQ-4	3) = Telephone Number Type		

Segment:	PID Product/Item Description
Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	<ol> <li>If PID04 is present, then PID03 is required.</li> </ol>
	2 At least one of PID04 or PID05 is required.
	<b>3</b> If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	<ol> <li>Use PID03 to indicate the organization that publishes the code list being referred to.</li> </ol>
	<ul><li>2 PID04 should be used for industry-specific product description codes.</li></ul>
	3 PID08 describes the physical characteristics of the product identified in
	PID04. A "Y" indicates that the specified attribute applies to this item;
	an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then
	PID04 is used. If PID01 equals "X", then both PID04 and PID05 are
	used.
	2 Use PID06 when necessary to refer to the product surface or layer
	being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in
	PID03.
Notes:	PID*S**TI*CBLK***SO-RSQ*CBLOCK(TNAQ-44a)

# PID*S**TI*ENUM***SO-RSQ*EASNUM(TNAQ-44b)

			Data Eleme	ant Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	PID01	349	Item Description	on Type	Μ	ID 1/1
			Code indicating	the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualif	ier Code	Х	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product Descr	iption Code	Х	AN 1/12
			A code from an product charac	industry code list which provides specific teristic	data	about a
			CBLK	Consecutive Block		
			ENUM	Easy Numbers		
	PID07	822	Source Subqu	alifier	0	AN 1/15
			A reference tha Qualifier	t indicates the table or text maintained by	the	Source
			SO-RSQ	Service Order - Reseller Questions lis	st	
	PID08	1073	Yes/No Condit	ion or Response Code	0	ID 1/1
			Code indicating	a Yes or No condition or response		
				Q-44a) = Consecutive Block Q-44b) = Easy Numbers		

Segment:	QTY Quantity
Position:	2930
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*B3*QNR(TNAQ-44)*EA
	Data Element Summary
Ref	Data

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			B3 Requested Amount		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			QNR(TNAQ-44) = Quantity of Numbers Requested		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed,	or

Segment:	N1 Name
Position:	3500
Loop:	N1 Optional
Level:	Detail
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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*IT*ADDRESS
1003.	

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	М	ID 2/3
		Code identifyin an individual IT	g an organizational entity, a phy Installation on Site	sical location,	property or
N102	93	Name Free-form name "ADDRESS"	e	X	AN 1/60

Segment:	N4 Geographic Location
Position:	3800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use :	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may
	be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE(TNAQ-33)*ZIP(TNAQ-34)**RJ*CALA(TNAQ-35)
	Data Element Summary
Ref.	Data

Ret.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
N402	156	State or Province Code	Х	ID 2/2	
		Code (Standard State/Province) as defined by appropriate agency	gov	ernment	
		STATE(TNAQ-33) = State/Province			
N403	116	Postal Code	0	ID 3/15	
		Code defining international postal zone code excluding punctua blanks (zip code for United States)			
		ZIP(TNAQ-34) = ZIP/Postal Code			
N405	309	Location Qualifier	Х	ID 1/2	
		Code identifying type of location			
		RJ Region			
N406	310	Location Identifier	0	AN 1/30	
		Code which identifies a specific location			
		CALA(TNAQ-35) = Customer Address Location Area			

NX2 Location ID Component Segment: Position: 3850 N1 Optional Loop: Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2*01*SANO(TNAQ-13) NX2*02*SASN(TNAQ-16)

NX2*02*SASN(TNAQ-16) NX2*03*SASD(TNAQ-15) NX2*05*BOX(TNAQ-30) NX2*06*ROUTE(TNAQ-29) NX2*07*CITY(TNAQ-32) NX2*39*AHN(TNAQ-32) NX2*39*AHN(TNAQ-32) NX2*40*SASS(TNAQ-18) NX2*59*SAPR(TNAQ-18) NX2*61*SASF(TNAQ-14) NX2*61*SASF(TNAQ-14) NX2*62*SATH(TNAQ-17) NX2*LD1(TNAQ-22)*LV1(TNAQ-23) NX2*LD2(TNAQ-24)*LV2(TNAQ-25) NX2*LD3(TNAQ-26)*LV3(TNAQ-27)

			Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compon	ent Qualifier	Μ	ID 2/2
		Code qualifying the	type of address component		
		13 = (DWS : AP 34 = (DWS : LOT 35 = (DWS : RM 36 = (DWS : SLI 37 = (DWS : UNI 14 = (DWS : SUI LD2(TNAQ-24) = L 32 = (DWS : FLF	r) P) T) T) ocation Designator 2 R) ocation Designator 3 DG) IG)		
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		
		12	Building Name		

	13	Apartment Number	
	14	Suite Number	
	30	Pier	
		The pier at which a ship or boat is docked	
	32	Floor	
		A particular floor or level of a building	
	34	Lot	
		A particular lot or piece of land	
	35	Room	
		A walled room or partitioned area of a building	
	36	Slip	
		The slip or location on a pier at which a ship or boa	t
		is docked	
	37	Unit	
		A unit or separate structure	
	39	Unstructured Property	
	40	Street Suffix	
	59	Street Number Low	
	61	Street Number Fraction	
	62	Street Name Suffix	
	63	Secondary Unit Identifier	
166	Address Informat		)
	Address information		
		= Service Address Number	
		= Service Address Street Name	
	BOX(TNAQ-30) = I	- Service Address Street Directional Prefix	
	ROUTE(TNAQ-29)		
	CITY(TNAQ-32) =		
		Assigned House Number	
	. ,	= Service Address Street Directional Suffix	
		<ul> <li>Service Address Number Prefix</li> <li>Service Address Number Suffix</li> </ul>	
		Service Address Street Type	
	LV1(TNAQ-23) = L		
	LV2(TNAQ-25) = L		
	LV3(TNAQ-27) = L	ocation Value 3	

Μ

NX202

Segment:	SI Service Characteristic Identification
Position:	4050
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> </ol>
	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*AF*AFT(TNAQ-11

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	vice	
			AF Address Format Type		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			AFT(TNAQ-11) = Address Format Type		

Segment:	СТТ	<ul> <li>Transaction Totals</li> </ul>			
Position:	0100				
Loop:	CTT	Optional			
Level:	Summar	/			
Usage:	Optional				
Max Use:	1				
Purpose:		nit a hash total for a specific element in the transaction set			
Syntax Notes:	<ol> <li>If either CTT03 or CTT04 is present, then the other is required.</li> </ol>				
	2 If eit	ner CTT05 or CTT06 is present, then the other is required.			
Semantic Notes:					
Comments:		segment is intended to provide hash totals to validate trans pleteness and correctness.	action		
Notes:	CTT*Nur	nber of PO1 Segments			
		Data Element Summary			
Ref.	Data				
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
CTT01	354	Number of Line Items	M N0 1/6		

Total number of line items in the transaction set

Μ

Segment:	SE 1	ransaction Set Trailer				
Position:	0300					
Loop:	_					
Level:	Summar					
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)				
Syntax Notes:	U	,				
Semantic Notes:						
Comments:	1 SE i	s the last segment of each transaction set.				
Notes:		f Segments*TRAN SET CONTROL #				
		•				
		Data Element Summary				
Ref.	Data					
Des.	Element	Name				
<u>Attributes</u>						
SE01	96	Number of Included Segments M		N0 1/10		
		Total number of segments included in a transaction set incluand SE segments	udin	ig ST		
SE02	329	Transaction Set Control Number M		AN 4/9		
		Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction				

Μ

Μ

## 9.6.2 855 Telephone Number Availability Response (855TNAR)

## Functional Group ID=PR

### Introduction:

The 855TNAR will be used by Qwest to respond to a TN Availability Query from a Co-Provider.

This implementation guideline is based upon the following:

1. ANSI ASC X12 Version 4020

### Notes:

This 855 Transaction includes the mappings for Telephone Number Availability Response.

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	0100	ST	Transaction Set Header	М	1		
М	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	М	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		Notes and Comments
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - BAD	0	1		n1
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	0	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - GOOD	0	1		n2

0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	0	1	-	
		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	0	1		
5000	SI	Service Characteristic Identification	0	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - MIXED	0	1		n3
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	0	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	0	1		
5000	SI	Service Characteristic Identification	0	>1		

## Summary:

Μ

Pos <u>No.</u>	. Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>Repeat</u> <u>Comments</u>
		LOOP ID - CTT			1
010	о стт	Transaction Totals	0	1	n4
030	) SE	Transaction Set Trailer	М	1	

## **Transaction Set Notes**

- **1.** PO102 is required.
- 2. PO102 is required.
- **3.** PO102 is required.
- 4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

## Segment: **ST** Transaction Set Header

Segment:	<b>31</b> T	Fransaction Set Header						
Position:	0100	0100						
Loop:								
Level:	Heading							
Usage:	Mandato	ry						
Max Use:	1 Ta in dia d			_				
Purpose:	I O INDICA	ate the start of a transaction set and to assign a control ne	umbe	r				
Syntax Notes: Semantic Notes:	1 The	transaction act identifier (ST01) is used by the translation	routi	noo				
Semantic Notes.	of the defin 2 The trans appr	<ol> <li>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).</li> <li>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.</li> </ol>						
Comments:								
Notes:	ST*855*	TRAN SET CONTROL #						
		Data Element Summary						
Ref.	Data							
Des.	<u>Element</u>	<u>Name</u>						
Attributes								
ST01	143	Transaction Set Identifier Code	М	ID 3/3				
		Code uniquely identifying a Transaction Set						
		055 Durahasa Ordan Askrauda darmant						
		855 Purchase Order Acknowledgment						

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Μ

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: mantic Notes: Comments: Notes:	<ul> <li>BAK Beginning Segment for Purchase Order Acknowledgment 0200</li> <li>Heading Mandatory 1 To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates</li> <li>1 BAK04 is the date assigned by the purchaser to purchase order.</li> <li>2 BAK08 is the seller's order number.</li> <li>3 BAK09 is the date assigned by the sender to the acknowledgment.</li> <li>BAK*11*AT*TXNUM(TNAR-2)*PO Date (See Trading Partner Access Information)</li> </ul>					
			, ,				
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>				
М	<u>Attributes</u> BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	М	ID 2/2		
М	BAK02	587	11   Response     Acknowledgment Type	М	ID 2/2		
			Code specifying the type of acknowledgment AT Accepted				
М	BAK03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser TXNUM(TNAR-2) = Transaction Number	Μ	AN 1/22		
Μ	BAK04	373	Date Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner A Information)	M cces	<b>DT 8/8</b>		

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

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier PON(TNAR-6) = Purchase Order Number

Purchase Order Number

Reference information as defined for a particular Transaction Set or as

М

Attributes REF01

REF02

128

127

PO

ID 2/3

X AN 1/30

Segment:	DIN
Position:	1500
Loop: Level:	Heading

# **DTM** Date/Time Reference

Position: Loop:	1500
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	<ol> <li>At least one of DTM02 DTM03 or DTM05 is required.</li> </ol>
	2 If DTM04 is present, then DTM03 is required.
	<b>3</b> If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes: Comments:	
Notes:	DTM*097*D/TSENT{CCYYMMDD}(TNAR-3)*D/TSENT{HHMM}(TNAR-3)
	Data Element Summary

		Data Elomont Gammary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes DTM01	374	Date/Time Qualifier	м	ID 3/3
DTIMUT	3/4		IVI	10 3/3
		Code specifying type of date or time, or both date and tim	ie	
		097 Transaction Creation		
DTM02	373	Date	Х	DT 8/8
		Date expressed as CCYYMMDD		
		D/TSENT(TNAR-3) = Date Sent		
DTM03	337	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 seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decimal seconds are expressed as follows: D = tenths (0 bundle decim	, M = econ	= minutes ids;
		hundredths (00-99)		
		D/TSENT{HHMM}(TNAR-3) = Time Sent		

Segment:	SI Service Characteristic Identification
Position: Loop:	1850
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.
	<b>3</b> 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.
	<b>9</b> 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(TNAR-5)*IQ*TXTYP(TNAR-4)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			IR Transaction Activity		
М	SI03	234	Product/Service ID	Μ	AN 1/48
	lo		Identifying number for a product or service		
			TXACT(TNAR-5) = Transaction Activity		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			IQ Inquiry Type		
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			TXTYP(TNAR-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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA(TNAR-1)

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	М	ID 2/3
		Code identifying an individual 78	g an organizational entity, a physical lo Service Requester	cation,	property or
N102	93	Name Free-form name	9	Х	AN 1/60
		CCNA(TNAR-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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*BY**25*CC(TNAR-8)

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

Segment:	PO1 Baseline Item Data - BAD
Position:	0100
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	1 If PO103 is present, then PO102 is required.
eymax neteel	2 If PO105 is present, then PO104 is required.
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	9 If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	<ul><li>3 PO106 through PO125 provide for ten different product/service IDs per</li></ul>
	each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN
	No., Model No., or SKU.
	····, ······, ····, ····, ····, ····

Ref. Des.	Data Element	Name		
<u>Attributes</u>		<u>Nume</u>		
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a transaction	
		"n" = nth assigned ID with PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed	, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"BAD"		

PO1*n*1*EA***ZZ*BAD [PO1 Loop will be used if RESPONSE(TNAR-7) = "B"]

Notes:

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 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*SS*SCATEG(TNAR-13)*IC*SITEID(TNAR-14)*LO*TTA(TNAR-
	15)*RQ*REQNUM(TNAR-16)*T0*TNTYPE(TNAR-18)

			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics SS Service Sub-Category	ice	
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			SCATEG(TNAR-13) = Search Category		
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics IC Interexchange Carrier Serving Office	ice	
	SI05	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			SITEID(TNAR-14) = Site ID		
	SI06	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics		
			LO Local Exchange Carrier Serving Office		
	SI07	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			TTA(TNAR-15) = Traffic Terminating Area		
	SI08	1000	Service Characteristics Qualifier	Х	AN 2/2

		Code from an industry code list qualifying the type of serv characteristics RQ Requested Number	ice	
SI09	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		REQNUM(TNAR-16) = Requested Number		
SI10	1000	Service Characteristics Qualifier	Х	AN 2/2
		Code from an industry code list qualifying the type of serv characteristics T0 Telephone Number Type	ice	
SI11	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		TNTYPE(TNAR-18) = Telephone Number Type		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	2700 ACK Detail Optional 1 To ackno specific I 1 If eit 2 If AC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit	her ACK02 or ACK03 is present, then the other is required CK04 is present, then ACK05 is required. her ACK07 or ACK08 is present, then the other is required her ACK09 or ACK10 is present, then the other is required her ACK11 or ACK12 is present, then the other is required her ACK13 or ACK14 is present, then the other is required her ACK15 or ACK16 is present, then the other is required her ACK17 or ACK18 is present, then the other is required		
		her ACK19 or ACK20 is present, then the other is required her ACK21 or ACK22 is present, then the other is required		
	11 If eit	her ACK23 or ACK24 is present, then the other is required		
		her ACK25 or ACK26 is present, then the other is required ner ACK27 or ACK28 is present, then the other is required		
Semantic Notes:		K28 is present, then both ACK27 and ACK29 are required 29 Industry Reason Code may be used to identify the iten		tus
	In ac	dition, it may be used in conjunction with ACK01 to furthe		
Comments: Notes:		status. *****************************TI*TELEPHONE*RESPONSE(TNAR	-7)	
D. (	Data	Data Element Summary		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
Attributes	668	Line Item Status Code	М	ID 2/2
		Code specifying the action taken by the seller on a line ite by the buyer IR Item Rejected	əm r	equested
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 by Qualifier "TELEPHONE"	the	Source
ACK29	1271	Industry Code	Х	AN 1/30
		Code indicating a code from a specific industry code list		
		RESPONSE(TNAR-7) = Response		

Segment:	QTY Quantity
Position:	3000
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(TNAR-21)*EA

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<b>Attributes</b>					
Μ	QTY01	673	<b>Quantity Qualifie</b>	r	Μ	ID 2/2
			Code specifying th	e type of quantity		
			03	Discreet Quantity - Rejected Material		
	QTY02	380	Quantity		Χ	R 1/15
			Numeric value of q	uantity		
			ERRNUM(TNAR-27	1) = Number of Errors		
	QTY03	C001	Composite Unit o	f Measure	0	
			To identify a compo examples of use)	osite unit of measure (See Figures Appleter Section 2017)	bend	ix for
Μ	C00101	355	Unit or Basis for	Measurement Code	Μ	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: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	3500 N9 Detail Optional 1 To transu Identifica 1 At le 2 If N9 3 If eit	Reference Identification Optional mit identifying information as specified by the Reference tion Qualifier ast one of N902 or N903 is required. 106 is present, then N905 is required. her C04003 or C04004 is present, then the other is required		
Semantic Notes: Comments:	1 N90	her C04005 or C04006 is present, then the other is require 6 reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.	əd.	
Notes:	N9*1Q*E times]	RRCODE(TNAR-22)*ERR [N9 Loop repeats ERRNUM(TN	NAR-2	21)
		Data Element Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
1 N901	128	Reference Identification Qualifier         Code qualifying the Reference Identification         1Q       Error Identification Code         Qualifies a single number that describe         found in application-level data	M bes a	ID 2/3
N902	127	Reference Identification Reference information as defined for a particular Transac specified by the Reference Identification Qualifier ERRCODE(TNAR-22) = Error Code	X ction \$	AN 1/30 Set or as
N903	369	Free-form Description Free-form descriptive text "ERR"	X	AN 1/45

Updated: March 11, 2002

М

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 prin	ting.
Comments:	1 If MTX04 is "AA - Advance the specific number of lir	ies before print",
	then MTX05 is required.	·
Notes:	MTX**ERRMESG(TNAR-23)	
	Data Element Summary	
Ref.	Data	
Des.	lement <u>Name</u>	
<u>Attributes</u>		
MTX02	1551 Message Text	X AN 1/4096
	To transmit large volumes of message text	

ERRMESG(TNAR-23) = Error Message

Segment:	PO1 Baseline Item Data - GOOD
Position:	0100
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	<ol> <li>If PO103 is present, then PO102 is required.</li> </ol>
Syntax Notes.	<ul><li>2 If PO105 is present, then PO104 is required.</li></ul>
	<ul><li>3 If either PO106 or PO107 is present, then the other is required.</li></ul>
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	<b>9</b> If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per
	each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Ref.	Data	-		
Des.	Element	<u>Name</u>		
<u>Attributes</u>			_	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	nat	ransaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Χ	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed	or
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"GOOD"		

PO1*n*1*EA***ZZ*GOOD [PO1 Loop will be used if RESPONSE(TNAR-7) = "G"]

Notes:

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 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
Nataa	
Notes:	SI*TI*SS*SCATEG(TNAR-13)*IC*SITEID(TNAR-14)*LO*TTA(TNAR- 15)*RQ*REQNUM(TNAR-16)*T0*TNTYPE(TNAR-18)

			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values TI Telecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics SS Service Sub-category	ice	
Μ	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			SCATEG(TNAR-13) = Search Category		
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics IC Interexchange Carrier Serving Office	ice	
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			SITEID(TNAR-14) = Site ID		
	SI06	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics		
	<b>.</b>		LO Local Exchange Carrier Service Office		
	SI07	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
	0100		TTA(TNAR-15) = Traffic Terminating Area		
	S108	1000	Service Characteristics Qualifier	Х	AN 2/2

		Code from an industry code list qualifying the type of ser characteristics RQ Requested Number	vice	
SI09	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		REQNUM(TNAR-16) = Requested Number		
SI10	1000	Service Characteristics Qualifier	Х	AN 2/2
		Code from an industry code list qualifying the type of ser characteristics T0 Telephone Number Type	vice	
SI11	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		TNTYPE(TNAR-18) = Telephone Number Type		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	2700 ACK Detail Optional 1 To ackno specific I 1 If eiti 2 If AC 3 If eiti 4 If eiti 5 If eiti 6 If eiti 7 If eiti 8 If eiti 10 If eiti 11 If eiti 12 If eiti 13 If eiti 14 If AC 1 ACK In ac	Chine Item Acknowledgment Optional owledge the ordered quantities and specify the ready date fine item her ACK02 or ACK03 is present, then the other is required K04 is present, then ACK05 is required. her ACK07 or ACK08 is present, then the other is required her ACK09 or ACK10 is present, then the other is required her ACK09 or ACK10 is present, then the other is required her ACK11 or ACK12 is present, then the other is required her ACK13 or ACK14 is present, then the other is required her ACK15 or ACK16 is present, then the other is required her ACK19 or ACK20 is present, then the other is required her ACK19 or ACK20 is present, then the other is required her ACK21 or ACK22 is present, then the other is required her ACK23 or ACK24 is present, then the other is required her ACK25 or ACK26 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then the other is required her ACK27 or ACK28 is present, then both ACK27 and ACK29 are required her ACK28 is present, then both ACK27 and ACK29 are required her ACK28 is present, then both ACK27 and ACK29 are required her ACK28 is present, then both ACK27 and ACK29 are required her ACK28 is present, then		tus.
Notes:	ACK*IA*	*****************************TI*TELEPHONE*RESPONSE(TNAR	-7)	
Ref.	Data	Data Element Summary		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>			
I ACK01	668	Line Item Status Code Code specifying the action taken by the seller on a line ite by the buyer IA Item Accepted	M em r	ID 2/2 equested
ACK27	559	Agency Qualifier CodeCode identifying the agency assigning the code valuesTITelecommunications Industry	X	ID 2/2
ACK28	822	Source Subqualifier A reference that indicates the table or text maintained by Qualifier "TELEPHONE"	X the	AN 1/15 Source
ACK29	1271	Industry Code Code indicating a code from a specific industry code list	X	AN 1/30

Μ

RESPONSE(TNAR-7) = Response

Segment:	QTY Quantity
Position:	3000
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	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*SW*TNCOUNT(TNAR-19)*EA
	QTY*SW*TNCOUNT(TNAR-19)*EA

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			SW Sample Amount		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			TNCOUNT(TNAR-19) = Telephone Number Count		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures examples of use)	Append	ix for
Μ	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	ressed,	or

Segment:	SLN	Subline Item Detail	
Position:	4900		
Loop:	4900 SLN	Optional	
Level:	Detail	optional	
Usage:	Optional		
Max Use:	1		
Purpose:	To speci	fy product subline detail item data	
Syntax Notes:	1 If eit	her SLN04 or SLN05 is present, then the other is required.	
		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.	
		her SLN13 or SLN14 is present, then the other is required.	
		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.	
		her SLN21 or SLN22 is present, then the other is required.	
		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.	
Semantic Notes:		01 is the identifying number for the subline item.	
		02 is the identifying number for the subline level. The subline level	
		alogous to the level code used in a bill of materials.	
		03 is the configuration code indicating the relationship of the intermediate interme	
		08 is a code indicating the relationship of the price or amount to	
		associated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	
		01 is related to (but not necessarily equivalent to) the baseline	
		number. Example: 1.1 or 1A might be used as a subline number	
	to re	late to baseline number 1.	
		09 through SLN28 provide for ten different product/service IDs for	
		item. For example: Case, Color, Drawing No., U.P.C. No., ISBN	
Notes:		Model No., or SKU.	
Notes:	SLINEC	OD*n*A*1*EA	
		Data Element Summary	
Ref.	Data	,	
Des.	<b>Element</b>	Name	
<u>Attributes</u>			
I SLN01	350	Assigned Identification M AN 1/20	
		Alphanumeric characters assigned for differentiation within a transaction	n
		set	
<b></b>		"GOOD"	
SLN02	350	Assigned Identification O AN 1/20	
		Alphanumeric characters assigned for differentiation within a transaction	า
		cot	

SLN03

SLN04

М

Updated: March 11, 2002	Qwest Communications International, Inc.	5
	EDI Disclosure Document – Version 9.0	

"n" = nth assigned ID with SLN loop

Code indicating the relationship between entities

Add

**Relationship Code** 

Numeric value of quantity

set

А

Quantity

662

380

ID 1/1

X R 1/15

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
М	C00101	355	To identify a composite unit of measure (See Figure examples of use) Unit or Basis for Measurement Code	es Appendix for M ID 2/2
	000101	555	Code specifying the units in which a value is being e 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.
	<b>3</b> 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.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	<b>6</b> 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.
	<b>8</b> If either SI18 or SI19 is present, then the other is required.
	<b>9</b> 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(TNAR-20) [SI Segment repeats TNCOUNT(TNAR-19) times]

	Ref. Des.	Data Element	Name		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			RV Reserved Number		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TNRES(TNAR-20) = Telephone Number Response		

Segment:	PO1 Baseline Item Data - MIXED
Position:	0100
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	<ol> <li>If PO103 is present, then PO102 is required.</li> </ol>
Oymax Notes.	<ul><li>2 If PO105 is present, then PO104 is required.</li></ul>
	<ul><li>3 If either PO106 or PO107 is present, then the other is required.</li></ul>
	<ul><li>4 If either PO108 or PO109 is present, then the other is required.</li></ul>
	<ul><li>5 If either PO110 or PO111 is present, then the other is required.</li></ul>
	6 If either PO112 or PO113 is present, then the other is required.
	<ul><li>7 If either PO114 or PO115 is present, then the other is required.</li></ul>
	<ul><li>8 If either PO116 or PO117 is present, then the other is required.</li></ul>
	<ul><li>9 If either PO118 or PO119 is present, then the other is required.</li></ul>
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
	1 Cap the Date Element Distignary for a complete list of IDa
Comments:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> <li>DO101 is the line item identification</li> </ol>
	<ul> <li>2 PO101 is the line item identification.</li> <li>2 PO102 through PO102 provide for the different product/convice IDe port</li> </ul>
	<b>3</b> PO106 through PO125 provide for ten different product/service IDs per
	each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN
	No., Model No., or SKU.

Ref. <u>Des.</u>	Data <u>Element</u>	Name		
Attributes	250	Assigned Identification	~	ANI 4/20
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a t	ransaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed,	or
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234) ZZ Mutually Defined	r use	ed in
PO107	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		
		"MIXED"		

PO1*n*1*EA***ZZ*MIXED [PO1 Loop will be used if RESPONSE(TNAR-7) ="M"]

Notes:

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 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.
	<b>3</b> 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.
	<b>5</b> 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.
	<b>9</b> 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*SS*SCATEG(TNAR-13)*IC*SITEID(TNAR-14)*LO*TTA(TNAR- 15)*RQ*REQNUM(TNAR-16)*T0*TNTYPE(TNAR-18)

			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code valuesTITelecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics SS Service Sub-category	ice	
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			SCATEG(TNAR-13) = Search Category		
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics IC Interexchange Carrier Serving Office	ice	
	SI05	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			SITEID(TNAR-14) = Site ID		
	SI06	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics		
	<b>-</b>		LO Local Exchange Carrier Serving Office		
	SI07	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
	0100		TTA(TNAR-15) = Traffic Terminating Area		
	S108	1000	Service Characteristics Qualifier	X	AN 2/2

		Code from an industry code list qualifying the type of service characteristics RQ Requested Number	/ice	
SI09	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		
		REQNUM(TNAR-16) = Requested Number		
SI10	1000	Service Characteristics Qualifier	Х	AN 2/2
		Code from an industry code list qualifying the type of service characteristics T0 Telephone Number Type	/ice	
SI11	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		TNTYPE(TNAR-18) = Telephone Number Type		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	2700 ACK Detail Optional 1 To ackno specific I 1 If eit 2 If AC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit	her ACK02 or ACK03 is present, then the other is required. CK04 is present, then ACK05 is required. her ACK07 or ACK08 is present, then the other is required. her ACK09 or ACK10 is present, then the other is required. her ACK11 or ACK12 is present, then the other is required. her ACK13 or ACK14 is present, then the other is required. her ACK15 or ACK16 is present, then the other is required.		
		her ACK17 or ACK18 is present, then the other is required. her ACK19 or ACK20 is present, then the other is required.		
	10 If eit	her ACK21 or ACK22 is present, then the other is required.		
		her ACK23 or ACK24 is present, then the other is required. her ACK25 or ACK26 is present, then the other is required.		
		her ACK27 or ACK28 is present, then the other is required. CK28 is present, then both ACK27 and ACK29 are required		
Semantic Notes:		29 Industry Reason Code may be used to identify the item		tus.
		Idition, it may be used in conjunction with ACK01 to furthe status.	r claı	rify
Comments:				
Notes:	ACK*IA*	************************TI*TELEPHONE*RESPONSE(TNAR·	-7)	
	_	Data Element Summary		
Ref. Des.	Data <u>Element</u>	Name		
<u>Attributes</u>				
I ACK01	668	Line Item Status Code	M	ID 2/2
		Code specifying the action taken by the seller on a line ite by the buyer	211116	ะนุนธรเธน
		IA Item Accepted		
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 by Qualifier	the S	Source
ACK29	1271	"TELEPHONE" Industry Code	х	AN 1/30
	/ .	Code indicating a code from a specific industry code list	~	
		RESPONE(TNAR-7) = Response		

Segment:	QTY Quantity
Position:	3000
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	<ol> <li>QTY04 is used when the quantity is non-numeric.</li> </ol>
Comments:	
Notes:	QTY*SW*TNCOUNT(TNAR-19)*EA

			Data Elem	ent Summary				
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
	<u>Attributes</u>							
Μ	QTY01	673	Quantity Qua	lifier	М	ID 2/2		
			Code specifyin	ng the type of quantity				
			SW	Sample Amount				
	QTY02	380	Quantity		Х	R 1/15		
			Numeric value	lumeric value of quantity				
			TNCOUNT(TN/	AR-19) = Telephone Number Count				
	QTY03	C001	Composite Ur	nit of Measure	0			
			To identify a contract of us	omposite unit of measure (See Figuse)	ires Append	ix for		
Μ	C00101	355	Unit or Basis	for Measurement Code	Μ	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:	3000
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	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(TNAR-21)*EA
	Data Element Summary

#### Ref. Data Element Name Des. Attributes QTY01 М 673 **Quantity Qualifier** ID 2/2 Μ Code specifying the type of quantity 03 **Discreet Quantity - Rejected Material QTY02** 380 Quantity Х R 1/15 Numeric value of quantity ERRNUM(TNAR-21) = Number of Errors **QTY03** C001 **Composite Unit of Measure** 0 To identify a composite unit of measure (See Figures Appendix for examples of use) Μ C00101 355 Unit or Basis for Measurement Code Μ ID 2/2

ΕA

Code specifying the units in which a value is being expressed, or

manner in which a measurement has been taken

Each

Updated: March 11, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	3500 N9 Detail Optional 1 To transu Identifica 1 At le 2 If N9 3 If eitt 4 If eitt 1 N900	Reference Identification Optional mit identifying information as specified by the Reference tion Qualifier ast one of N902 or N903 is required. 06 is present, then N905 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require 6 reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.		
Notes:	N9*1Q*E times]	RRCODE(TNAR-22)*ERR [N9 Loop repeats ERRNUM(TN	AR-2	21)
D-(	Data	Data Element Summary		
Ref. Des.	Data <u>Element</u>	Namo		
Attributes		Name		
N901	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describ found in application-level data	es a	n error
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ERRCODE(TNAR-22) = Error Code	ion S	Set or as
N903	369	Free-form Description	Χ	AN 1/45
		Free-form descriptive text		
		"ERR"		

Updated: March 11, 2002

М

Segment:	MTX Text
Position:	3600
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	I If MTX01 is present, then MTX02 is required.
-	2 If MTX03 is present, then MTX02 is required.
	<b>3</b> If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	I If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	then MTX05 is required.
Notes.	MTX**ERRMESG(TNAR-23)
	Data Element Summary
Ref.	Data
Des.	lement Name
<u>Attributes</u>	
MTX02	1551Message TextXAN 1/4096
	To transmit large volumes of message text

ERRMESG(TNAR-23) = Error Message

•		Subline Item Detail					
Segment:		Subline Item Detail					
Position: Loop:	4900 SLN Optional						
Level:	Detail	•					
Usage:	Optional						
Max Use:	1						
Purpose:	To speci	fy product subline detail item data					
Syntax Notes:		ner SLN04 or SLN05 is present, then the other is required.					
		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.					
		her SLN13 or SLN14 is present, then the other is required.					
		ner SLN15 or SLN16 is present, then the other is required.					
		ner SLN17 or SLN18 is present, then the other is required.					
		ner SLN19 or SLN20 is present, then the other is required.					
		her SLN21 or SLN22 is present, then the other is required.					
		ner SLN23 or SLN24 is present, then the other is required. ner SLN25 or SLN26 is present, then the other is required.					
		her SLN27 or SLN28 is present, then the other is required.					
Semantic Notes:							
		alogous to the level code used in a bill of materials.					
		03 is the configuration code indicating the relationship of the					
		ne item to the baseline item. 08 is a code indicating the relationship of the price or amount to					
		associated segment.					
Comments:		the Data Element Dictionary for a complete list of IDs.					
		01 is related to (but not necessarily equivalent to) the baseline					
		number. Example: 1.1 or 1A might be used as a subline number					
		late to baseline number 1.					
		09 through SLN28 provide for ten different product/service IDs for i item. For example: Case, Color, Drawing No., U.P.C. No., ISBN					
		Model No., or SKU.					
Notes:		(ED*n*A*1*EA					
<b>D</b> .(	D. (	Data Element Summary					
Ref. <u>Des.</u>	Data <u>Element</u>	Namo					
<u>Attributes</u>		Name					
I 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					
I SLN03	662	Relationship Code M ID 1/1					

Updated: March 11, 2002 Qwest Communications International, Inc. 6 EDI Disclosure Document – Version 9.0

Numeric value of quantity

А

380

Quantity

Code indicating the relationship between entities

Add

М

Μ

SLN04

X R 1/15

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
М	C00101	355	To identify a composite unit of measure (See Figure examples of use) Unit or Basis for Measurement Code	es Appendix for M ID 2/2
	00101	555	Code specifying the units in which a value is being a 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.				
	<b>9</b> 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(TNAR-20) [SI Segment repeats TNCOUNT(TNAR-19) times]				

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of set characteristics	vice	
			RV Reserved Number		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TNRES(TNAR-20) = Telephone Number Response		

Segment:	СТТ	<ul> <li>Transaction Totals</li> </ul>			
Position:	0100				
Loop:	CTT	Optional			
Level:	Summar	ý l			
Usage:	Optional				
Max Use:	1				
Purpose:	To transmit a hash total for a specific element in the transaction set				
Syntax Notes:	<ol> <li>If either CTT03 or CTT04 is present, then the other is required.</li> </ol>				
	2 If either CTT05 or CTT06 is present, then the other is required.				
Semantic Notes:					
Comments:	<ol> <li>This segment is intended to provide hash totals to validate transaction completeness and correctness.</li> </ol>				
Notes:	CTT*Nur	nber of PO1 Segments			
		Data Element Summary			
Ref.	Data				
<u>Des.</u> Attributes	<u>Element</u>	Name			
CTT01	354	Number of Line Items	M N0 1/6		

Total number of line items in the transaction set

Segment:	SE T	ransaction Set Trailer			
Position: Loop:	0300				
Level:	Summar	ý			
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)			
Syntax Notes:		-,			
Semantic Notes:					
Comments:		s the last segment of each transaction set.			
Notes:	SE*No o	f Segments*TRAN SET CONTROL #			
		Data Element Summary			
Ref.	Data				
Des.	<u>Element</u>	Name			
Attributes SE01	96	Number of Included Segments	м	N0 1/10	
	30	-			
		Total number of segments included in a transaction set inc and SE segments	iuui	ng ST	
I SE02	329	•	Μ	AN 4/9	
		Identifying control number that must be unique within the t functional group assigned by the originator for a transaction			

#### 9.6.3 860 Telephone Number Selection Query (860TNSQ)

# Functional Group ID= $\mathbf{PC}$

#### Introduction:

The 860TNSQ will be used by the Co-Provider to initiate a TN Selection Query to Qwest.

This implementation guideline is based on the following:

1. ANSI ASC X12 Version 4020

#### Notes:

This 860 Transaction includes the mappings for Telephone Number Selection Query.

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>Repeat</u> <u>Comments</u>
М	0100	ST	Transaction Set Header	М	1	
М	0200	BCH	Beginning Segment for Purchase Order Change	М	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> .	<u>Max.Use</u>	Loop Notes and <u>Repeat</u> <u>Comments</u>
		LOOP ID - POC			>1
0100	POC	Line Item Change	0	1	
0180	SI	Service Characteristic Identification	0	>1	
0410	PAM	Period Amount	0	10	

#### Summary:

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

## Segment: **ST** Transaction Set Header

Segment:	311	ransaction Set Header				
Position: Loop:	0100					
Level:	Heading					
Usage:	Mandato					
Max Use:	1	ı y				
Purpose:	To indica	ate the start of a transaction set and to assign a control number				
Syntax Notes:						
Semantic Notes: Comments:	<ol> <li>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).</li> <li>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.</li> </ol>					
Notes:	51"860"	FRAN SET CONTROL #				
		Data Element Summary				
Ref.	Data	-				
Des.	Element	Name				
<u>Attributes</u>						
ST01	143	Transaction Set Identifier Code M ID 3/3				
		Code uniquely identifying a Transaction Set				
		860 Purchase Order Change Request - Buyer Initiated				
ST02	329	Transaction Set Control Number M AN 4/9				
		Identifying control number that must be unique within the transaction set				

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Μ

М

ţ	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	<ul> <li>BCH Beginning Segment for Purchase Order Change 0200</li> <li>Heading Mandatory <ol> <li>To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates</li> </ol> </li> <li>BCH06 is the date assigned by the purchaser to purchase order.</li> <li>BCH09 is the seller's order number.</li> <li>BCH10 is the date assigned by the sender to the acknowledgment.</li> <li>BCH11 is the date of the purchase order change request.</li> </ul>				
	Notes:	BCH*28* Informati	IN*TXNUM(TNSQ-2)***PO Date (See Trading Partner Acc	ess		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>			
М	BCH01	353	Transaction Set Purpose Code	Μ	ID 2/2	
м	BCH02	92	Code identifying purpose of transaction set 28 Query Purchase Order Type Code	М	ID 2/2	
м	BCH03	324	Code specifying the type of Purchase Order IN Information Copy Purchase Order Number	м	AN 1/22	
IVI	ВСПОЗ	324	Identifying number for Purchase Order assigned by the orderer/purchaser	IVI	AN 1/22	
М	BCH06	373	TXNUM(TNSQ-2) = Transaction Number <b>Date</b> Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner A	M	DT 8/8	
			Information)			

Segment:	<b>REF</b> 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.
	<b>3</b> 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(TNSQ-6)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier PON(TNSQ-6) = Purchase Order Number

Purchase Order Number

Reference information as defined for a particular Transaction Set or as

Μ

128

127

PO

REF01

REF02

ID 2/3

X AN 1/30

Segment:	<b>DTM</b> Date/Time Reference
Position: Loop:	1500
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	<ol> <li>At least one of DTM02 DTM03 or DTM05 is required.</li> <li>If DTM04 is present, then DTM03 is required.</li> <li>If either DTM05 or DTM06 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	
Notes:	DTM*097*D/TSENT{CCYYMMDD}(TNSQ-3)*D/TSENT{HHMM}(TNSQ-3)

		Data Element Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
DTM01	374	Date/Time Qualifier	М	ID 3/3
		Code specifying type of date or time, or both date and time	e	
		097 Transaction Creation		
DTM02	373	Date	Χ	DT 8/8
		Date expressed as CCYYMMDD		
		D/TSENT(TNSQ-3) = Date Sent		
DTM03	337	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 se decimal seconds are expressed as follows: D = tenths (0- hundredths (00-99)	, M = econ	= minutes ids;
		D/TSENT{HHMM}(TNSQ-3) = Time Sent		

Segment:	SI Service Characteristic Identification
Position: Loop:	1850
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.
	<b>9</b> 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(TNSQ-5)*IQ*TXTYP(TNSQ-4)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			IR Transaction Activity		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TXACT(TNSQ-5) = Transaction Activity		
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			IQ Inquiry Type		
	SI05	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			TXTYP(TNSQ-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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA(TNSQ-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier Co	ode	Μ	ID 2/3
		an individual	organizational entity, a physical locat Service Requester	ion,	property or
N102	93	Name		Х	AN 1/60
		Free-form name			
		CCNA(TNSQ-1) = 0	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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*BY**25*CC(TNSQ-7)

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

Segment:	POC Line Item Change
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.
	<b>9</b> If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*TNSQ

	Ref.	Data	,	
	Des.	Element	Name	
	<u>Attributes</u>	050		
	POC01	350	Assigned Identification 0	AN 1/20
			Alphanumeric characters assigned for differentiation within a set	transaction
			"n" = nth assigned ID within POC loop	
М	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 correspondin the original purchase order with the value in the Purchase Order Change Transactic	s contained
	POC08	235	Product/Service ID Qualifier X	ID 2/2
			Code identifying the type/source of the descriptive number us Product/Service ID (234) ZZ Mutually Defined	ed in
	POC09	234	Product/Service ID X	AN 1/48
			Identifying number for a product or service	
			"TNSQ"	

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.
	<b>3</b> 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.
	<b>9</b> 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(TNSQ-9) [SI Segment repearts SNR(TNSQ-8) times]

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	vice	
			RQ Requested Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			SELNUM(TNSQ-9) = Selected Number		

### PAM Period Amount

Segment:	PAM Period Amount
Position:	0410
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	<ol> <li>If any of PAM01 PAM02 or PAM03 is present, then all are required.</li> <li>At least one of PAM02 PAM05 or PAM14 is required.</li> <li>If either PAM04 or PAM05 is present, then the other is required.</li> <li>If either PAM06 or PAM07 is present, then the other is required.</li> <li>If PAM07 is present, then at least one of PAM08 or PAM09 is required.</li> <li>If PAM07 is present, then PAM06 is required.</li> <li>If PAM07 is present, then PAM06 is required.</li> <li>If PAM08 is present, then PAM07 is required.</li> <li>If PAM09 is present, then PAM07 is required.</li> <li>If PAM09 is present, then at least one of PAM11 or PAM12 is required.</li> <li>If PAM10 is present, then PAM10 is required.</li> <li>If PAM11 is present, then PAM10 is required.</li> </ol>
Semantic Notes:	1 PAM10, PAM11, or PAM12 are used when two dates are required.
	2 PAM15 indicates whether the monetary amount identified in PAM05 is
	a net or gross value. A "Y" indicates amount is a gross value; an "N"
Commonto	indicates amount is a net value.
Comments:	

#### PAM*B3*SNR(TNSQ-8)*EA Notes:

#### **Data Element Summary**

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
PAM01	673	Quantity Qualifier	Х	ID 2/2
		Code specifying the type of quantity		
		B3 Requested Amount		
PAM02	380	Quantity	Х	R 1/15
		Numeric value of quantity		
		SNR(TNSQ-8) = Selected Numbers Returned		
PAM03	C001	Composite Unit of Measure	Х	
		To identify a composite unit of measure (See Figures A examples of use)	opend	lix for
C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	essed,	, or

Segment:	СТТ	<ul> <li>Transaction Totals</li> </ul>	
Position:	0100		
Loop:	CTT	Optional	
Level:	Summar	у	
Usage:	Optional		
Max Use:	1		
Purpose:	To trans	mit a hash total for a specific element in the	transaction set
Syntax Notes:	1 If eit	her CTT03 or CTT04 is present, then the oth	er is required.
	2 If eit	her CTT05 or CTT06 is present, then the oth	er is required.
Semantic Notes:			
Comments:		segment is intended to provide hash totals to pleteness and correctness.	o validate transaction
Notes:	CTT*Nur	nber of POC Segments	
		Data Element Summary	
Ref.	Data		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>	
I CTT01	354	Number of Line Items	M N0 1/6

Total number of line items in the transaction set

Segment:	SE 1	ransaction Set Trailer		
Position:	0300			
Loop: Level:	Summar			
Usage:	Mandato			
Max Use:	1	'y		
Purpose:		te the end of the transaction set and provide the count of the ed segments (including the beginning (ST) and ending (SE) s)	Э	
Syntax Notes:	U	,		
Semantic Notes:				
Comments:		s the last segment of each transaction set.		
Notes:	SE*No o	f Segments*TRAN SET CONTROL #		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
Attributes SE01	96	Number of Included Comments	м	N0 1/10
5E01	90		••	
		Total number of segments included in a transaction set incl and SE segments	udi	ng ST
SE02	329	Transaction Set Control Number	N	AN 4/9
		Identifying control number that must be unique within the tr functional group assigned by the originator for a transaction		

#### 9.6.4 865 Telephone Number Selection Response (865TNSR)

### Functional Group ID=**CA**

#### Introduction:

The 865TNSR will be used by Qwest to respond to a TN Selection Query from the Co-Provider.

This implementation guideline is based on the following:

1. ANSI ASC X12 Version 4020

#### Notes:

This 865 Transaction includes the mappings for Telephone Number Selection Response.

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	0100	ST	Transaction Set Header	М	1		
М	0200	BCA	Beginning Segment for Purchase Order Change Acknowledgment	М	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 Notes and <u>Repeat</u> <u>Comments</u>
		LOOP ID - POC			>1
0100	POC	Line Item Change - BAD	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	0	1	
		LOOP ID - ACK			104

2700	ACK	Line Item Acknowledgment	0	1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - MIXED	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	
3020	QTY	Quantity	0	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	0	1		
5000	SI	Service Characteristic Identification	0	>1		

### Summary:

Μ

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop Notes and <u>Repeat</u> <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.

Segment:	ST 1	ransaction Set Header						
Position: Loop:	0100							
Level:	Heading							
Usage:	Mandato	Mandatory						
Max Use:	1							
Purpose:	To indica	ate the start of a transaction set and to assign a control nu	umbe	r				
Syntax Notes:								
Semantic Notes:								
Comments:								
Notes:	ST*865*TRAN SET CONTROL #							
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>						
I ST01	143	Transaction Set Identifier Code	М	ID 3/3				
		Code uniquely identifying a Transaction Set						

Seller Initiated

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Transaction Set Control Number** 

Purchase Order Change Acknowledgment/Request -

865

329

Μ

Μ

**ST02** 

Updated: March 11, 2002

M AN 4/9

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

	Segment:	BCA	Beginning Segment for Purchase Order Change		
		Acknow	ledgment		
	Position: Loop:	0200			
	Level:	Heading			
	Usage:	Mandato	ry		
	Max Use:	1			
	Purpose:		ate the beginning of the Purchase Order Change Acknowle ion Set and transmit identifying numbers and dates	edgm	ent
	Syntax Notes:	4 504			
5	Semantic Notes:		.06 is the date assigned by the purchaser to purchase ord	er.	
			.09 is the seller's order number. .10 is the date assigned by the sender to the acknowledg	mont	
			11 is the date of the purchase order change request.	ment	•
			12 is the order change acknowledgment date.		
	Comments:	• 20,			
	Notes:	BCA*11*	AT*TXNUM(TNSR-2)***PO Date (See Trading Partner Act	cess	
		Informati			
			Data Element Summary		
	Ref.	Data			
	Des.	Flomont	Namo		
	A	<u>Element</u>	Name		
54	Attributes			м	JD 2/2
М	<u>Attributes</u> BCA01	<u>353</u>	Transaction Set Purpose Code	М	ID 2/2
М			Transaction Set Purpose Code Code identifying purpose of transaction set	Μ	ID 2/2
м	BCA01	353	Transaction Set Purpose CodeCode identifying purpose of transaction set11Response		-
М			Transaction Set Purpose Code Code identifying purpose of transaction set	M	ID 2/2 ID 2/2
м	BCA01	353	Transaction Set Purpose CodeCode identifying purpose of transaction set11Response		-
м	BCA01	353	Transaction Set Purpose Code         Code identifying purpose of transaction set         11       Response         Acknowledgment Type		-
м	BCA01	353	Transaction Set Purpose CodeCode identifying purpose of transaction set11ResponseAcknowledgment TypeCode specifying the type of acknowledgment		-
	BCA01 BCA02	353 587	Transaction Set Purpose CodeCode identifying purpose of transaction set11ResponseAcknowledgment TypeCode specifying the type of acknowledgmentATAcceptedPurchase Order Number	0	ID 2/2
	BCA01 BCA02	353 587	Transaction Set Purpose CodeCode identifying purpose of transaction set11ResponseAcknowledgment TypeCode specifying the type of acknowledgmentATAccepted	0	ID 2/2
	BCA01 BCA02	353 587	Transaction Set Purpose CodeCode identifying purpose of transaction set11ResponseAcknowledgment TypeCode specifying the type of acknowledgmentATAcceptedPurchase Order NumberIdentifying number for Purchase Order assigned by the	0	ID 2/2
	BCA01 BCA02	353 587	Transaction Set Purpose Code         Code identifying purpose of transaction set         11       Response         Acknowledgment Type         Code specifying the type of acknowledgment         AT       Accepted         Purchase Order Number         Identifying number for Purchase Order assigned by the orderer/purchaser	0	ID 2/2
М	BCA01 BCA02 BCA03	353 587 324	Transaction Set Purpose Code         Code identifying purpose of transaction set         11       Response         Acknowledgment Type         Code specifying the type of acknowledgment         AT       Accepted         Purchase Order Number         Identifying number for Purchase Order assigned by the orderer/purchaser         TXNUM(TNSR-2) = Transaction Number	O M	ID 2/2 AN 1/22
М	BCA01 BCA02 BCA03	353 587 324	Transaction Set Purpose Code         Code identifying purpose of transaction set         11       Response         Acknowledgment Type         Code specifying the type of acknowledgment         AT       Accepted         Purchase Order Number         Identifying number for Purchase Order assigned by the orderer/purchaser         TXNUM(TNSR-2) = Transaction Number         Date         Date expressed as CCYYMMDD	о м М	ID 2/2 AN 1/22 DT 8/8
М	BCA01 BCA02 BCA03	353 587 324	Transaction Set Purpose Code         Code identifying purpose of transaction set         11       Response         Acknowledgment Type         Code specifying the type of acknowledgment         AT       Accepted         Purchase Order Number         Identifying number for Purchase Order assigned by the orderer/purchaser         TXNUM(TNSR-2) = Transaction Number	о м М	ID 2/2 AN 1/22 DT 8/8

Segment:	<b>REF</b> Reference Identification
Position:	0500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> </ol>
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: Comments:	<ol> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Notes:	REF*PO*PON(TNSR-6)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier PON(TNSR-6) = Purchase Order Number

Purchase Order Number

Reference information as defined for a particular Transaction Set or as

Μ

128

127

PO

REF01

REF02

ID 2/3

X AN 1/30

Seg	gment:	
_		

### **DTM** Date/Time Reference

1500 Position: Loop: Level: Heading Usage: Optional Max Use: 10 Purpose: To specify pertinent dates and times At least one of DTM02 DTM03 or DTM05 is required. Syntax Notes: 1 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}(TNSR-3)*D/TSENT{HHMM}(TNSR-3)

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

м

Segment:	SI Service Characteristic Identification
Position: Loop:	1850
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.
	<b>3</b> 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.
	<b>9</b> 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(TNSR-5)*IQ*TXTYP(TNSR-4)

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

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	М	ID 2/3
		Code identifying an individual 78	g an organizational entity, a physic Service Requester	cal location,	property or
N102	93	Name Free-form name	9	Х	AN 1/60
		CCNA(TNSR-1)	= Customer Carrier Name Abbrev	viation	

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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*BY**25*CC(TNSR-8)

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

Segment:	POC Line Item Change - BAD
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.
	<b>9</b> 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.
	<b>12</b> 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(TNSR-7) = "B"]

			Data Liement Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	Ο	AN 1/20
			Alphanumeric characters assigned for differentiation with set	in a t	ransaction
			"n" = nth assigned ID within POC loop		
М	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 correspo the original purchase order with the v in the Purchase Order Change Trans	alues	contained
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	er use	ed in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"BAD"		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	2700 ACK Detail Optional 1 To ackno specific I 1 If eit 2 If AC 3 If eit 4 If eit 5 If eit 6 If eit	owledge the ordered quantities and specify the ready date for a line item her ACK02 or ACK03 is present, then the other is required. CK04 is present, then ACK05 is required. her ACK07 or ACK08 is present, then the other is required. her ACK09 or ACK10 is present, then the other is required. her ACK11 or ACK12 is present, then the other is required. her ACK13 or ACK14 is present, then the other is required.	
Semantic Notes:	<ul> <li>8 If eit</li> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> <li>12 If eit</li> <li>13 If eit</li> <li>14 If ACK</li> <li>1 ACK</li> <li>In act</li> </ul>	her ACK15 or ACK16 is present, then the other is required. her ACK17 or ACK18 is present, then the other is required. her ACK19 or ACK20 is present, then the other is required. her ACK21 or ACK22 is present, then the other is required. her ACK23 or ACK24 is present, then the other is required. her ACK25 or ACK26 is present, then the other is required. her ACK27 or ACK28 is present, then the other is required. CK28 is present, then both ACK27 and ACK29 are required. (29 Industry Reason Code may be used to identify the item status. ddition, it may be used in conjunction with ACK01 to further clarify status.	
Comments: Notes:		*********************************TI*TELEPHONE*RESPONSE(TNSR-7)	
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>	
Attributes 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 CodeXID 2/2Code identifying the agency assigning the code valuesTTelecommunications Industry	
ACK28	822	Source Subqualifier X AN 1/15 A reference that indicates the table or text maintained by the Source Qualifier "TELEPHONE"	
ACK29	1271	Industry CodeXAN 1/30Code indicating a code from a specific industry code listRESPONSE(TNSR-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(TNSR-30)*EA
D. (	Data Element Summary
Rof	Data

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
М	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Material		
	QTY02	380	Quantity	Χ	R 1/15
			Numeric value of quantity		
			ERRNUM(TNSR-30) = Number of Errors		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Appexamples of use)	end	ix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed,	or

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	3500 N9 Detail Optional 1 To transu Identifica 1 At le 2 If N9 3 If eitt 4 If eit 1 N90	Reference Identification Optional mit identifying information as specified by the Reference tion Qualifier ast one of N902 or N903 is required. 006 is present, then N905 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require 6 reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.		
Notes:	N9*1Q*E times]	RRCODE(TNSR-31)*ERR [N9 Loop repeats ERRNUM(TN	SR-3	30)
	_	Data Element Summary		
Ref.	Data Element	Namo		
<u>Des.</u> Attributes	<u>Element</u>	Name		
N901	128	Reference Identification Qualifier Code qualifying the Reference Identification	Μ	ID 2/3
		1Q Error Identification Code		
		Qualifies a single number that describ found in application-level data	oes a	n error
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ERRCODE(TNSR-31) = Error Code	tion S	Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"ERR"		

М

Segment:	MTX Text	
Position:	3600	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Dptional	
Max Use:	>1	
Purpose:	Γο specify textual data	
Syntax Notes:	If MTX01 is present, then MTX02 is required.	
-	2 If MTX03 is present, then MTX02 is required.	
	B If MTX05 is present, then MTX04 is required.	
Semantic Notes:	I MTX05 is the number of lines to advance before printing.	
Comments:	I If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.	
Notes:	MTX**ERRMESG(TNSR-32)	
10103.		
	Data Element Summary	
Ref.	Data	
Des.	lement <u>Name</u>	
<u>Attributes</u>		
MTX02	1551 Message Text X AN 1/4096	,
	To transmit large volumes of message text	

ERRMESG(TNSR-32) = Error Message

Segment:	POC Line Item Change - GOOD
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.
	<b>3</b> 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.
	<b>9</b> If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*GOOD [POC Loop will be used if RESPONSE(TNSR-7) = "G"]

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
POC01	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with set	n a t	ransaction
		"n" = nth assigned ID within POC loop		
POC02	670	Change or Response Type Code	М	ID 2/2

Code specifying the type of change to the line item

Replace All Values

Mutually Defined

Code identifying the type/source of the descriptive number used in

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

**Data Element Summary** 

**Product/Service ID Qualifier** 

Identifying number for a product or service

Product/Service ID (234)

**Product/Service ID** 

RΖ

ZZ

"GOOD"

**POC08** 

POC09

235

234

Μ

X ID 2/2

X AN 1/48

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	2700 ACK Detail Optional 1 To ackno specific I 1 If eit 2 If AC 3 If eit 4 If eit 5 If eit	Chine Item Acknowledgment Optional owledge the ordered quantities and specify the ready date for ine item her ACK02 or ACK03 is present, then the other is required. CK04 is present, then ACK05 is required. her ACK07 or ACK08 is present, then the other is required. her ACK09 or ACK10 is present, then the other is required. her ACK11 or ACK12 is present, then the other is required. her ACK13 or ACK14 is present, then the other is required.		
Semantic Notes: Comments: Notes:	<ul> <li>7 If eit</li> <li>8 If eit</li> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> <li>12 If eit</li> <li>13 If eit</li> <li>14 If ACK</li> <li>1 ACK</li> <li>1 ACK</li> <li>1 ac</li> <li>the s</li> </ul>	her ACK15 or ACK16 is present, then the other is required. her ACK15 or ACK16 is present, then the other is required. her ACK17 or ACK20 is present, then the other is required. her ACK21 or ACK22 is present, then the other is required. her ACK23 or ACK24 is present, then the other is required. her ACK25 or ACK26 is present, then the other is required. her ACK27 or ACK28 is present, then the other is required. X28 is present, then both ACK27 and ACK29 are required. 29 Industry Reason Code may be used to identify the item ddition, it may be used in conjunction with ACK01 to further status.	n sta r cla	
Ref.	Data	Data Element Summary		
<u>Des.</u> Attributes	<u>Element</u>	<u>name</u>		
ACK01	668	Line Item Status Code	м	ID 2/2
		Code specifying the action taken by the seller on a line ite by the buyer IA Item Accepted	em re	equested
ACK27	559	Agency Qualifier Code	Χ	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 by Qualifier "TELEPHONE"	the	Source
ACK29	1271	Industry Code	Х	AN 1/30
		Code indicating a code from a specific industry code list RESPONSE(TNSR-7) = Response		

Segment:	<b>POC</b> Line Item Change - MIXED
Position: Loop: Level: Usage:	0100 POC Optional Detail Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	<ul> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC18 or POC19 is present, then the other is required.</li> <li>If either POC20 or POC21 is present, then the other is required.</li> <li>If either POC22 or POC23 is present, then the other is required.</li> <li>If either POC24 or POC25 is present, then the other is required.</li> <li>If either POC26 or POC27 is present, then the other is required.</li> </ul>
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*MIXED [POC Loop will be used if RESPONSE(TNSR-7) = "M"]

Data	Element	Summary
------	---------	---------

Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
POC01	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with set	nin a t	ransaction
		"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		
		Receiver should replace the correspond the original purchase order with the v in the Purchase Order Change Trans	alues	contained
POC08	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er use	ed in
POC09	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"MIXED"		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	2700 ACK Detail Optional 1 To ackno specific I 1 If eiti 2 If AC 3 If eiti 4 If eiti 5 If eiti 6 If eiti 7 If eiti 8 If eiti 10 If eiti 11 If eiti 12 If eiti 13 If eiti 14 If AC 1 ACK In ac	K Line Item Acknowledgment Optional al nowledge the ordered quantities and specify the ready date for a e line item ither ACK02 or ACK03 is present, then the other is required. CK04 is present, then ACK05 is required. ither ACK07 or ACK08 is present, then the other is required. ither ACK09 or ACK10 is present, then the other is required. ither ACK11 or ACK12 is present, then the other is required. ither ACK13 or ACK14 is present, then the other is required. ither ACK15 or ACK16 is present, then the other is required. ither ACK17 or ACK18 is present, then the other is required. ither ACK19 or ACK20 is present, then the other is required. ither ACK19 or ACK26 is present, then the other is required. ither ACK19 or ACK26 is present, then the other is required. ither ACK21 or ACK26 is present, then the other is required. ither ACK27 or ACK26 is present, then the other is required. ither ACK27 or ACK26 is present, then the other is required. ither ACK27 or ACK26 is present, then the other is required. ither ACK27 or ACK26 is present, then the other is required. ither ACK27 or ACK26 is present, then the other is required. ither ACK27 or ACK26 is present, then the other is required. ither ACK27 or ACK26 is present, then the other is required. ither ACK27 or ACK28 is present, then the other is required. ither ACK27 or ACK28 is present, then the other is required. ither ACK27 or ACK28 is present, then the other is required. ither ACK27 or ACK28 is present, then the other is required. ither ACK27 or ACK28 is present, then the other is required. ither ACK27 or ACK28 is present, then both ACK27 and ACK29 are required. ither ACK27 or ACK28 is present, then the other is required. ither ACK27 or ACK28 is present, then both ACK27 and ACK29 are required.		
Notes:	ACK*IA*	*****************************TI*TELEPHONE*RESPONSE(TNSR	-7)	
Def	Data	Data Element Summary		
Ref. <u>Des.</u>	Data <u>Element</u>	Name		
Attributes ACK01	668	Line Item Status Code	М	ID 2/2
		Code specifying the action taken by the seller on a line it by the buyer IA Item Accepted	em r	equested
ACK27	559	Agency Qualifier Code	Χ	ID 2/2
		Code identifying the agency assigning the code values TI Telecommunications Industry		
ACK28	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by	X	AN 1/15
		Qualifier "TELEPHONE"	uie	
ACK29	1271	Industry Code	Χ	AN 1/30
		Code indicating a code from a specific industry code list		

RESPONSE(TNSR-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*V1*QNSNUM(TNSR-28)*EA
	Data Element Summary
Ref.	Data
Des.	<u>Element</u> <u>Name</u>

	Attributes	<u> Liemeni</u>	Name		
М	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			V1 Retention Quantity		
	QTY02	380	Quantity	Χ	R 1/15
			Numeric value of quantity		
			QNSNUM(TNSR-28) = Quantity of Non-Selected Telephor	ie Nu	umbers
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures App examples of use)	end	ix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed,	or

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(TNSR-30)*EA
	Data Element Summary
D.(	

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Material		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			ERRNUM(TNSR-30) = Number of Errors		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Appexamples of use)	bend	ix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed,	or

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	<ul> <li>Sosition: 3500</li> <li>Loop: N9 Optional</li> <li>Level: Detail</li> <li>Usage: Optional</li> <li>ax Use: 1</li> <li>urpose: To transmit identifying information as specified by the Reference Identification Qualifier</li> <li>t Notes: 1 At least one of N902 or N903 is required.</li> <li>2 If N906 is present, then N905 is required.</li> <li>3 If either C04003 or C04004 is present, then the other is required.</li> <li>4 If either C04005 or C04006 is present, then the other is required.</li> </ul>				
Notes:	N9*1Q*E times]	N9*1Q*ERRCODE(TNSR-31)*ERR [N9 Loop repeats ERRNUM(TNSR-30) times]			
D-f	Data	Data Element Summary			
Ref. Des.	Data <u>Element</u>	Name			
<u>Attributes</u>		Nume			
I N901	128	Reference Identification Qualifier         Code qualifying the Reference Identification         1Q       Error Identification Code         Qualifies a single number that describted found in application-level data	M bes a	ID 2/3 n error	
N902	127	Reference Identification	Х	AN 1/30	
		Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ERRCODE(TNSR-31) = Error Code	ion S	Set or as	
N903	369	Free-form Description	Х	AN 1/45	
		Free-form descriptive text			
		"ERR"			

Updated: March 11, 2002

М

Segment:	MTX 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.	
	<b>3</b> If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	I If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.	
Notes:	MTX**ERRMESG(TNSR-32)	
NOLES.		
	Data Element Summary	
Ref.	Data	
Des.	lement Name	
<u>Attributes</u>		
MTX02	1551Message TextXAN 1/4096	
	To transmit large volumes of message text	

ERRMESG(TNSR-32) = Error Message

Segment:	<b>JLI</b>	Subline Item Detail
Position:	4900	
Loop:	SLN	Optional
Level:	Detail	
Usage: Max Use:	Optional	
Purpose:	1 To speci	fy product subline detail item data
Syntax Notes:	•	her SLN04 or SLN05 is present, then the other is required.
-,		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.
		her SLN13 or SLN14 is present, then the other is required. 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.
		her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
Comantia Natao		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The subline level
		alogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
Commonto		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs for
		item. For example: Case, Color, Drawing No., U.P.C. No., ISBN
Netaa		Model No., or SKU. <ed*n*a*1*ea< th=""></ed*n*a*1*ea<>
Notes:	SLIN IVII/	
		Data Element Summary
Ref.	Data	
Des.	<u>Element</u>	Name
<u>Attributes</u>	050	
I 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

М	
IVI	

	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"n" = nth assigned ID within SLN loop			
М	SLN03	662	Relationship Code	Μ	ID 1/1	
			Code indicating the relationship between entities			
			A Add			
	SLN04	380	Quantity	Х	R 1/15	
			Numeric value of quantity			
Updated: March 11, 2002			est Communications International, Inc. DI Disclosure Document – Version 9.0		110	

			1 Always One			
	SLN05	C001	Composite Unit of Measure	Х		
м	C00101	255	To identify a composite unit of measure (See Fig examples of use)			
IVI	COUTUT	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.
	<b>3</b> 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.
	<b>9</b> 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*NSTN(TNSR-29) [SI Segment repeats QNSNUM(TNSR-28) times]

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of set characteristics	vice	
			TN Telephone Number		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			NSTN(TNSR-29) = Non-Selected Telephone Number		

Segment:	СТТ	<ul> <li>Transaction Totals</li> </ul>				
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 eit	ner CTT05 or CTT06 is present, then the other is required.				
Semantic Notes:						
Comments:		segment is intended to provide hash totals to validate transa pleteness and correctness.	action			
Notes:	CTT*Number of POC Segments					
		Data Element Summary				
Ref.	Data					
Des.	Element	<u>Name</u>				
<u>Attributes</u>						
CTT01	354	Number of Line Items	/ NO 1/6			

Total number of line items in the transaction set

Segment:	SE 1	ransaction Set Trailer					
Position:	0300						
Loop: Level:	Summor						
		Summary					
Usage: Max Use:		Mandatory					
	To indica	I To indicate the and of the transaction act and provide the count of the					
Purpose:	transmitt	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:	U U	·					
Semantic Notes:							
Comments:	1 SE is	s the last segment of each transaction set.					
Notes:	SE*No o	SE*No of Segments*TRAN SET CONTROL #					
		Data Element Summary					
Ref.	Data						
Des.	<u>Element</u>	<u>Name</u>					
Attributes			_				
I SE01	96	Number of Included Segments	Л	N0 1/10			
		Total number of segments included in a transaction set incl and SE segments	udin	ng ST			
SE02	329	Transaction Set Control Number	Л	AN 4/9			
	Identifying control number that must be unique within the transaction se functional group assigned by the originator for a transaction set						