Telephone Number (TN) Reservation Transaction Cycle Table of Contents

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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 a Address Validation transaction. A Purchase Order Number (PON) is required 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).

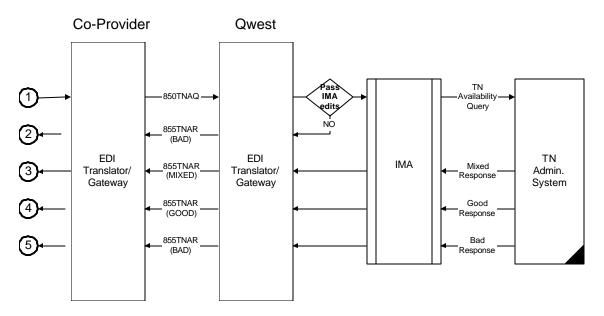
In addition to custom numbers, a CLEC can also request telephone numbers that closely match an existing telephone number. These are known as nearby telephone numbers. For example, a customer may request a telephone number that is close to 303-659-1119. Or, as another option, a customer may request consecutive 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

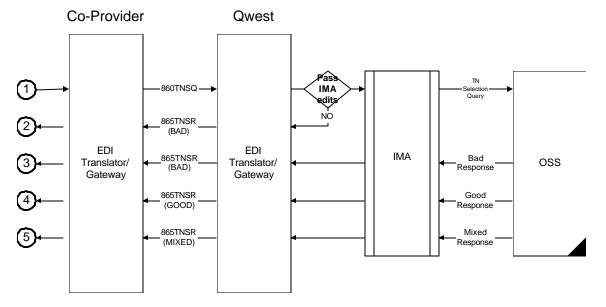
- 1. The Co-Provider submits an 850TNAQ to request up to 20 numbers. A PON, purchase order number, is needed for this query.
- 2. If the 850TNAQ fails the IMA edits, an 855TNAR (BAD) will be returned.

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 24 business hours. The Co-Provider must submit an LSR with a corresponding PON within a pre-determined time frame (e.g., 24 business hours) 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 24 business hours. 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., 24 business hours) 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.

5. 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 TNAR for that PON are returned. The Co-Provider must request all new TNs within the TNSQ, and can not 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 24 business hours 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., 24 business hours) 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	<i>Time of the interchange. HHMM (24 Hour Clock)</i>	Time of the interchange. HHMM (24 Hour Clock)
ISA11	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)	<i>'U'</i> (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
-------	--

Questo al/Definition	Evenue
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-42}*a*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**CBLOCK*^{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-16} NX2*02**SASN*^{TNAQ-16} NX2*03**SASD*^{TNAQ-15} NX2*05**BOX*^{TNAQ-30} NX2*06**ROUTE*^{TNAQ-32} NX2*07**CITY*^{TNAQ-32} NX2*07**CITY*^{TNAQ-38} 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} [SI repeats *SNR*^{TNSQ-8} times] PAM*B3**SNR*^{TNSQ-8}*EA

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 RESPONSETINSR-7 = "B"]ACK*IR************************TI*TELEPHONE*RESPONSEQTY*03*ERRNUMTNSR-30*EAN9*1Q*ERRCODETNSR-31*ERRMTX**ERRMESGTNSR-32

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 Comments
М	0100	ST	Transaction Set Header	М	1		
Μ	0200	BEG	Beginning Segment for Purchase Order	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	
	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>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - Telephone Number Availability Query	М	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		İİ

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0 SI Service Characteristic Identification O >1

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments	
			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.
- 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:	31 1	ransaction Set Header					
	Position: Loop:	0100						
	Level:	Heading						
	Usage:	Mandato	bry					
	Max Use:	1						
	Purpose:	To indicate the start of a transaction set and to assign a control number						
	ntax Notes:							
Sema	ntic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).						
		trans appr	implementation convention reference (ST03) is used by slation routines of the interchange partners to select the opriate implementation convention to match the transact hition.		et			
(Comments:							
	Notes:	ST*850*	TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
	<u>Attributes</u>							
М	ST01	143	Transaction Set Identifier Code	М	ID 3/3			
			Code uniquely identifying a Transaction Set					
			850 Purchase Order					
Μ	ST02	329	Transaction Set Control Number	М	AN 4/9			
			Identifying control number that must be unique within the functional group assigned by the originator for a transact					

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

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

		Data Elo	Julie Caminal y		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
REF01	128	Reference I	dentification Qualifier	Μ	ID 2/3
		Code qualify	ving the Reference Identification		
		PO	Purchase Order Number		
REF02	127	Reference I	dentification	Х	AN 1/30
		specified by	nformation as defined for a particular Tra- the Reference Identification Qualifier -8) = Purchase Order Number	ansaction	Set or as

М

Segment:

DTM Date/Time Reference

Position:	1500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
-	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
emantic Notes:	

Sem **Comments:**

М

Notes:

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

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
DTM01	374	Date/Time Qualifier	Μ	ID 3/3
		Code specifying type of date or time, or both date and ti	me	
		097 Transaction Creation		
DTM02	373	Date	Х	DT 8/8
		Date expressed as CCYYMMDD		
		D/TSENT(TNAQ-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 decimal seconds are expressed as follows: D = tenths (hundredths (00-99) D/TSENT{HHMM}(TNAQ-3) = Time Sent	3), M seco	= minutes

Segment:	SI Service Characteristic Identification
Position: Loop:	1850
Level: Usage: Max Use:	Heading Optional >1
Purpose:	To specify service characteristic data
Syntax Notes:	 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. If either SI20 or SI21 is present, then the other is required.
Semantic Notes: Comments:	 Sl01 defines the source for each of the service characteristics
Notes:	qualifiers. SI*TI*IR*TXACT(TNAQ-5)*IQ*TXTYP(TNAQ-4)

			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
М	SI01	559	Agency Qualifier Code	М	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 IR Transaction Activity	vice	
Μ	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			TXACT(TNAQ-5) = Transaction Acitivity		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of set characteristics IQ Inquiry Type	vice	
	SI05	234	Product/Service ID	x	AN 1/48
	3105	234		^	AN 1/40
			Identifying number for a product or service		
			TXTYP(TNAQ-4) = Transaction Type		

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:	 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)

Data <u>Element</u>	<u>Name</u>			
98	Entity Identi	ifier Code	М	ID 2/3
	or an individu	ual	al location,	property
	78	Service Requester		
93	Name		Х	AN 1/60
	Free-form na	ame		
	CCNA(TNAC	Q-1) = Customer Carrier Name Abbrev	viation	
	<u>Element</u> 98	Element Name 98 Entity Ident Code identify or an individ 78 93 Name Free-form na	ElementName98Entity Identifier CodeCode identifying an organizational entity, a physic or an individual 7878Service Requester93NameFree-form name	ElementName98Entity Identifier CodeMCode identifying an organizational entity, a physical location, or an individual 78Service Requester93NameX

Μ

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:	 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)

Μ

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physor an individual	sical location	, property
		BY Buying Party (Purchaser)		
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code st Identification Code (67) 25 Carrier's Customer Code	ructure used	for
N104	4 67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		CC(TNAQ-6) = Company Code		

24

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:	1 If PO103 is present, then PO102 is required.
	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.
	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:	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.
Notes:	PO1*n*1*EA***ZZ*TNAQ

Ref. Des.	Data Element	Name		
Attributes			~	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	à
		"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 expr manner in which a measurement has been taken EA Each	esse	d, or
PO106	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	ber u	sed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"TNAQ"		

SI Service Characteristic Identification
0180
PO1 Mandatory
Detail
Optional
>1
To specify service characteristic data
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.
9 If either SI20 or SI21 is present, then the other is required.
1 SI01 defines the source for each of the service characteristics
qualifiers.
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)

	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
м	SI01	559	Agency Qualifie	r Code	М	ID 2/2
			Code identifying t	the agency assigning the code values		
			TI	Telecommunications Industry		
N	SI02	1000	Service Charact	eristics Qualifier	М	AN 2/2
			Code from an ind characteristics	lustry code list qualifying the type of ser	rvice	
			NB	Nearby Telephone Number		
			SS	Service Sub-category		
М	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying number	er for a product or service		
				37) = Search Category 2b) = Nearby Telephone Number		
	SI04	1000	Service Charact	eristics Qualifier	Х	AN 2/2
			Code from an ind characteristics	lustry code list qualifying the type of ser	rvice	
			IC	Interexchange Carrier Serving Office		
			RQ	Requested Number		
	SI05	234	Product/Service	ID	Х	AN 1/48
			Identifying number	er for a product or service		
			SITEID(TNAQ-38 ECATEG(TNAQ-4) = Site ID 44c) = Easy Number Category		
	SI06	1000	Service Charact	eristics Qualifier	Х	AN 2/2
			Code from an ind characteristics	lustry code list qualifying the type of ser	rvice	

		LO	Local Exchange Carrier Serving Off	ice	
		ZZ	Mutually Defined		
SI07	234	Product/Service	ID	Х	AN 1/48
		, .	er for a product or service		
			Traffic Terminating Area 14d) = Easy Word to Find		
SI08	1000	Service Charact	eristics Qualifier	Х	AN 2/2
		Code from an ind characteristics	lustry code list qualifying the type of se	ervice	•
		NP	North America Numbering Plan (NA	NP)	
		Z9	Mutually Defined		
SI09	234	Product/Service	ID	Х	AN 1/48
		Identifying numbe	er for a product or service		
		NPA(TNAQ-42) =			
014.0			e) = Easy Word Justification	V	
SI10	1000		eristics Qualifier	X	AN 2/2
		characteristics	lustry code list qualifying the type of so	ervice	•
		LX	Local Exchange		
SI11	234	Product/Service	ID	Х	AN 1/48
		Identifying numbe	er for a product or service		
		NXX(TNAQ-42a)	= Preferred NXX		
SI12	1000	Service Charact	eristics Qualifier	Х	AN 2/2
		Code from an ind characteristics	lustry code list qualifying the type of se	ervice	
		TO	Telephone Number Type		
SI13	234	Product/Service		х	AN 1/48
0110	2V ⁻¹		er for a product or service	~	//
		, ,	43) = 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:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
O	 If PID09 is present, then PID05 is required.
Semantic Notes:	 Use PID03 to indicate the organization that publishes the code list being referred to.
	2 PID04 should be used for industry-specific product description codes.
	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)

				sint Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	PID01	349	Item Descripti	on Type	М	ID 1/1
			Code indicating	g the format of a description		
			S	Structured (From Industry Code List)	
	PID03	559	Agency Qualif	ïer Code	Х	ID 2/2
			Code identifyin	g the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product Desci	ription Code	Х	AN 1/12
			A code from an	n industry code list which provides specifi	c da	ta about a
			product charac	teristic		
			CBLK	Consecutive Block		
			ENUM	Easy Numbers		
	PID07	822	Source Subqu	alifier	Ο	AN 1/15
			A reference that	at indicates the table or text maintained b	y the	e Source
			Qualifier			
			SO-RSQ	Service Order - Reseller Questions I	ist	
	PID08	1073	Yes/No Condi	tion or Response Code	0	ID 1/1
			Code indicating	g a Yes or No condition or response		
			CBLOCK(TNA	Q-44a) = Consecutive Block		
			EASNUM(TNA	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:	 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			
	Des.	<u>Element</u>	Name		
	Attributes				
Μ	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			B3 Requested Amount		
	QTY02	380	Quantity	Χ	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 A examples of use)	pper	ndix 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	esse	d, 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:	 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*IT*ADDRESS

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier	Code	М	ID 2/3
		Code identifying a or an individual IT	an organizational entity, a physical locat Installation on Site	ion,	property
N102	93	Name		Х	AN 1/60
		Free-form name			
		"ADDRESS"			

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.
Notes:	N4**STATE(TNAQ-33)*ZIP(TNAQ-34)**RJ*CALA(TNAQ-35)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	
Syntax Notes: Semantic Notes: Comments: Notes: Ref. <u>Des.</u>	 Only one of N402 or N407 may be present. If N406 is present, then N405 is required. If N407 is present, then N404 is required. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. N402 is required only if city name (N401) is in the U.S. or Canada. N4**STATE(TNAQ-33)*ZIP(TNAQ-34)**RJ*CALA(TNAQ-35) Data Element Summary Data

<u>Attributes</u>				
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropriation agency	ate g	overnment
		STATE(TNAQ-33) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding blanks (zip code for United States) ZIP(TNAQ-34) = ZIP/Postal Code	punc	ctuation and
N405	309	Location Qualifier	Х	ID 1/2
		Code identifying type of location		
		RJ Region		
N406	310	Location Identifier	Ο	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*03*SASD(TNAQ-15)

NX2*03*SASD(TNAQ-15) NX2*05*BOX(TNAQ-30) NX2*06*ROUTE(TNAQ-29) NX2*07*CITY(TNAQ-32) NX2*39*AHN(TNAQ-28) NX2*40*SASS(TNAQ-18) NX2*59*SAPR(TNAQ-12) NX2*61*SASF(TNAQ-12) 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)

Data Element Summary

				Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
1	NX201	1106	Address Compor	ent Qualifier	Μ	ID 2/2
			Code qualifying the	e type of address component		
				Location Designator 1		
			13 = (DWS : AP			
			34 = (DWS : LOT	·		
			35 = (DWS : RM	/		
			36 = (DWS : SLI	•		
			37 = (DWS : UNI			
			14 = (DWS : SU	1)		
			$1 D2(TNAO_24) = 1$	Location Designator 2		
			32 = (DWS : FLF)			
			02 - (0110 . 1 2)	·)		
			LD3(TNAQ-26) = I	Location Designator 3		
			12 = (DWS : BLI			
			63 = (DWS : WN	G)		
			30 = (DWS : PIE	R)		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			05	P.O. Box Number		
			06	Rural Route Number		
			07	City Name		
			12	Building Name		
			14			

Μ

	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 boat
		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 Informa	tion M AN 1/55
	Address information	on
		= Service Address Number
		= Service Address Street Name
	BOX(TNAQ-30) =	= Service Address Street Directional Prefix
	ROUTE(TNAQ-29	
	CITY(TNAQ-32) =	
		Assigned House Number
		= Service Address Street Directional Suffix
		= Service Address Number Prefix
	. , , , , , , , , , , , , , , , , , , ,	= Service Address Number Suffix = Service Address Street Type
	LV1(TNAQ-23) = 1	
	LV2(TNAQ-25) =	
	LV3(TNAQ-27) =	

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:	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*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 se characteristics	ervice	9
			AF Address Format Type		
Μ	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			AFT(TNAQ-11) = Address Format Type		

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

Total number of line items in the transaction set

Number of Line Items

М

CTT01

354

M N0 1/6

Se	gment:	SE 1	ransaction Set Trailer			
Po	osition: Loop:	0300				
	Level: Usage:	Summar Mandato	•			
Ма	ax Use:	1				
Ρι	irpose:	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 Semantic						
Com	ments:	1 SE i	s the last segment of each transaction set.			
	Notes:	SE*No of Segments*TRAN SET CONTROL #				
			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	Name			
<u>A</u> 1	tributes					
М	SE01	96	Number of Included Segments M	N0 1/10		
			Total number of segments included in a transaction set incl and SE segments	uding ST		
М	SE02	329	Transaction Set Control Number M	AN 4/9		
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

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 Comments
М	0100	ST	Transaction Set Header	М	1		
Μ	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	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		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		i
		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> .	<u>Max.Use</u>	Loop Notes a <u>lax.Use Repeat</u> Comme		
		LOOP ID - CTT			1		
0100	CTT	Transaction Totals	0	1		n4	
0300	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	t: 31 1	Fransaction Set Header					
Position							
Loop							
Leve							
Usage		ory					
Max Use							
Syntax Notes	Purpose: To indicate the start of a transaction set and to assign a control number Syntax Notes:						
Semantic Notes	 Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set). 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. 						
Notes		TRAN SET CONTROL #					
		Data Element Summary					
Ref.	Data	-					
<u>Des.</u> Attribut	Element es	Name					
1 ST01		Transaction Set Identifier Code	М	ID 3/3			
		Code uniquely identifying a Transaction Set 855 Purchase Order Acknowledgment					
1 ST02	329	Transaction Set Control Number	М	AN 4/9			
		Identifying control number that must be unique within th	e tra	nsaction			

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

М

Μ

•	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Vntax Notes: antic Notes: Comments: Notes:	 BAK Beginning Segment for Purchase Order Acknowledgment 0200 Heading Mandatory 1 To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates BAK04 is the date assigned by the purchaser to purchase order. BAK08 is the seller's order number. BAK09 is the date assigned by the sender to the acknowledgment. BAK11*AT*TXNUM(TNAR-2)*PO Date (See Trading Partner Access 					
		Informat	,				
	Ref.	Data	Data Element Summary				
	<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name				
М	BAK01	353	Transaction Set Purpose Code	Μ	ID 2/2		
			Code identifying purpose of transaction set				
м	BAK02	587	11 Response Acknowledgment Type	м	ID 2/2		
141	DARUZ	507	Code specifying the type of acknowledgment	141			
			AT Accepted				
М	BAK03	324	Purchase Order Number	М	AN 1/22		
			Identifying number for Purchase Order assigned by the orderer/purchaser				
			TXNUM(TNAR-2) = Transaction Number				
М	BAK04	373	Date	Μ	DT 8/8		
			Date expressed as CCYYMMDD	•			
			PO Date = Purchase Order Date (See Trading Partner	Acce	SS		

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(TNAR-6)
	Data Element Summary

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
REF01	128	Reference	Identification Qualifier	М	ID 2/3
		Code qualit	fying the Reference Identification		
		PO	Purchase Order Number		
REF02	127	Reference	Identification	Х	AN 1/30
		specified by	information as defined for a particular T y the Reference Identification Qualifier R-6) = Purchase Order Number	ransaction	Set or as

м

DTM Date/Time Reference

Segment:	DTM Date/Time Reference
Position: Loop:	1500
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
•	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
emantic Notes:	

Sem Comments:

М

Notes:

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

		Dala Element Summary	
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name	
DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time,	, or both date and time
		097 Transaction Crea	ition
DTM02	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
		D/TSENT(TNAR-3) = Date Sent	
DTM03	337	Time	X TM 4/8
		Time expressed in 24-hour clock tim or HHMMSSD, or HHMMSSDD, whe (00-59), S = integer seconds (00-59) decimal seconds are expressed as fe hundredths (00-99) D/TSENT{HHMM}(TNAR-3) = Time 3	ere H = hours (00-23), M = minutes and DD = decimal seconds; ollows: D = tenths (0-9) and DD =

Segment: Position: Loop:	SI service Characteristic Identification
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	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(TNAR-5)*IQ*TXTYP(TNAR-4)

			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
м	SI01	559	Agency Qualifier Code	М	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 IR Transaction Activity	rvice	•
М	SI03	234	Product/Service ID	Μ	AN 1/48
			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 set characteristics IQ Inquiry Type	rvice	•
	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:	 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(TNAR-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identi	fier Code	Μ	ID 2/3
		or an individu		al location	, property
		78	Service Requester		
N102	93	Name		Х	AN 1/60
		Free-form na	ame		
		CCNA(TNAR	R-1) Customer Carrier Name Abbrevia	ation	

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:	 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(TNAR-8)

Μ

Ref. <u>Des.</u> Attributos	Data <u>Element</u>	Name		
<u>Attributes</u> N101	98	Entity Identifier Code	м	ID 2/3
		Code identifying an organizational entity, a physor an individual	sical location,	, property
		BY Buying Party (Purchaser)		
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code st Identification Code (67) 25 Carrier's Customer Code	ructure used	for
N104	67	Identification Code	х	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.
•	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.
	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., U.P.C. No., ISBN
	No., Model No., or SKU.

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
PO101	350	Assigned Identification	Ο	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	3
		"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	Ο	ID 2/2
		Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or
PO106	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	ber u	sed in
PO107	234	Product/Service ID Identifying number for a product or service "BAD"	X	AN 1/48

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.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			SS Service Sub-Category		
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	Х	AN 2/2
			Code from an industry code list qualifying the type of se characteristics IC Interexchange Carrier Serving Office		
	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	х	AN 2/2
	Citt	1000	Code from an industry code list qualifying the type of se characteristics	rvice	/
			LO Local Exchange Carrier Serving Offic	e	
	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 s characteristics RQ Requested Number	service	9
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 s characteristics	service	9
		T0 Telephone Number Type		
SI11	234	Product/Service ID	Х	AN 1/48
	Identifying number for a product or service			
		TNTYPE(TNAR-18) = Telephone Number Type		

Segment:	ACY	Line Item Acknowledgment	
Position:	2700		
Loop:	ACK	Optional	
Level:	Detail		
Usage: Max Use:	Optional 1		
Purpose:	-	owledge the ordered quantities and specify the ready date for item	or a
Syntax Notes:	•	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.	
	9 If eit	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 ACK25 of ACK26 is present, then the other is required.	
		CK28 is present, then both ACK27 and ACK29 are required.	
Semantic Notes:	1 ACK	29 Industry Reason Code may be used to identify the item	
		ddition, it may be used in conjunction with ACK01 to further of	clarify
Comments:	thes	status.	
Notes:	ACK*IR*	*********************************TI*TELEPHONE*RESPONSE(TNAR-	-7)
		· · · · · ·	/
Ref.	Data	Data Element Summary	
Des.	<u>Element</u>	Name	
Attributes		<u></u>	
ACK01	668	Line Item Status Code M	ID 2/2
		Code specifying the action taken by the seller on a line iter	n requested
		by the buyer	
		IR Item Rejected	
ACK27	559	Agency Qualifier Code X	ID 2/2
		Code identifying the agency assigning the code values	
		TI Telecommunications Industry	
ACK28	822	Source Subqualifier X	
		A reference that indicates the table or text maintained by th	ne Source
		Qualifier "TELEPHONE"	

		"TELEPHONE"		
ACK29	1271	Industry Code	Х	AN 1/30
		Code indicating a code from a specific industry code list		
		RESPONSE(TNAR-7) = Response		

Μ

Segment:	QTY Quantity			
Position:	3000			
Loop:	QTY Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To specify quantity information			
Syntax Notes:	 At least one of QTY02 or QTY04 is required. 			
	2 Only one of QTY02 or QTY04 may be present.			
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.			
Comments:				
Notes:	QTY*03*ERRNUM(TNAR-21)*EA			
	Data Element Summary			

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	Attributes	070	Quantity Qualifian		
Μ	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Materia	1	
	QTY02	380	Quantity	Χ	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 A examples of use)	pper	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

Segment:	N9 F	Reference Identification		
Position:	3500			
Loop:	N9	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	Identifica	mit identifying information as specified by the Reference ation Qualifier		
Syntax Notes:		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 requi		
Comentia Natao		her C04005 or C04006 is present, then the other is require	rea.	
Semantic Notes:		6 reflects the time zone which the time reflects.		
Comments:	Z 190	7 contains data relating to the value cited in N902.		
Notes:		ERRCODE(TNAR-22)*ERR [N9 Loop repeats ERRNUM(ΤΝΙΛ	D 21)
Notes.	times]		INA	R-21)
	umesj			
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		1Q Error Identification Code		
		Qualifies a single number that descri	bes	an error
		found in application-level data		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa	ctior	Set or as
		specified by the Reference Identification Qualifier	0001	
		ERRCODE(TNAR-22) = Error Code		
N903	369	Free-form Description	x	AN 1/45
11000		•	~	/
		Free-form descriptive text		
		"ERR"		

М

Segment:	MT)	Text		
Position:	3600			
Loop:	N9	Optional		
Level:	Detail	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	TX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines befo	re pri	nt".
		MTX05 is required.	- 1	
Notes:		RRMESG(TNAR-23)		
		()		
		Data Element Summary		
Ref.	Data	•		
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	Х	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:	1 If PO103 is present, then PO102 is required.
	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.
	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:	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.

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

		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	1
		"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 expre- manner in which a measurement has been taken EA Each	esse	d, or
PO106	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 u	sed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"GOOD"		

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*TNTYPÈ(TNAR-18)

			Data Element Summary		
	Ref.	Data			
	Des.	Element	<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		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	rvice	
			SS Service Sub-category		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			SCATEG(TNAR-13) = Search Category		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics IC Interexchange Carrier Serving Office		
	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	Х	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics		
	-		LO Local Exchange Carrier Service Offic		
	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 s characteristics RQ Requested Number	service	e
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 s characteristics	service	Э
SI11	234	T0 Telephone Number Type Product/Service ID	x	AN 1/48
	234	Identifying number for a product or service	~	
		TNTYPE(TNAR-18) = Telephone Number Type		

		-						
Segment:	ACK	Line Item Acknowledgment						
Position:	2700	-						
Loop:	ACK	Optional						
Level:	Detail							
Usage:	Optional							
Max Use:	1 To option	suladas the ordered quantities and enceify the ready date	for	-				
Purpose:	specific l	owledge the ordered quantities and specify the ready date ine item	; tor	а				
Syntax Notes:	1 If eit	If either 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 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 either 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 require						
Semantic Notes:		29 Industry Reason Code may be used to identify the iter		atus.				
	In ac	dition, it may be used in conjunction with ACK01 to furthe						
0	the s	status.						
Comments:	ACK*IA*	**************************************	D 7	N				
Notes:	ACK IA	II TELEPHONE RESPONSE(TNA	K-7,)				
		Data Element Summary						
Ref.	Data							
	<u>Element</u>	Name						
<u>Attributes</u>								
ACK01	668	Line Item Status Code	М	ID 2/2				
		Code specifying the action taken by the seller on a line it	tem	requested				
		IA Item Accepted						
A CK07	EE 0		v	ID 2/2				
ACK27	559	Agency Qualifier Code	Х					
		Code identifying the agency assigning the code values						
10//00		TI Telecommunications Industry	v					
ACK28	822	Source Subqualifier	X	AN 1/15				
		A reference that indicates the table or text maintained by	' the	Source				
		Qualifier "TELEPHONE"						

		"TELEPHONE"		
ACK29 1271		Industry Code	Х	AN 1/30
		Code indicating a code from a specific industry code list		
		RESPONSE(TNAR-7) = Response		

М

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*SW*TNCOUNT(TNAR-19)*EA
	Data Element Summary

	Ref.	Data			
	<u>Des.</u> Attributes	<u>Element</u>	Name		
М	QTY01	673	Quantity Qualifier	М	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 A examples of use)	\pper	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	esse	d, or

Segment:	SLN	Subline Item Detail
Position:	4900	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To speci	fy product subline detail item data
Syntax Notes:	2 If SL	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.
	11 If eit	her SLN23 or SLN24 is present, then the other is required.
	12 If eit	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
		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
Notes:		Model No., or SKU. OD*n*A*1*EA
Notes:	SLIN GU	OD II A T EA
		Data Element Summary
Ref.	Data	Data Liement Summary
Des.	Element	Name
Attributes		<u></u>
A SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a
		transaction set
		"GOOD"
SLN02	350	Assigned Identification O AN 1/20
JLINUZ	550	-
		Alphanumeric characters assigned for differentiation within a
		transaction set
		"n" = nth assigned ID with SLN loop

Μ

Μ

SLN03

SLN04

662

380

Numeric value of quantity

Code indicating the relationship between entities

Add

Relationship Code

А

Quantity

ID 1/1

X R 1/15

Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
			To identify a composite unit of measure (See F examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is be manner in which a measurement has been take EA Each	• •

Segment:	SI Service Characteristic Identification
Position:	5000
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
	4 Clot defines the second for each of the service characteristics
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]
Notes.	Si TI KV TRICES(TRAK-20) [Si Segment Tepeats TREODRT(TRAK-19) times]

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	r Code	Μ	ID 2/2
			Code identifying t	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charact	eristics Qualifier	М	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of se	rvice)
			RV	Reserved Number		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying numbe	er 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:	 If PO103 is present, then PO102 is required.
	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.
	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:	1 See the Data Element Dictionary for a complete list of IDs.
Comments.	· ·
	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.

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

Ref.	Data	·		
Des.	Element	Name		
<u>Attributes</u>				-
PO101	350	Assigned Identification	Ο	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	1
		"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 expr manner in which a measurement has been taken EA Each	esse	d, or
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	ber u	sed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"MIXED"		

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.	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 ser characteristics	rvice	
			SS Service Sub-category		
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	Х	AN 2/2
			Code from an industry code list qualifying the type of set characteristics IC Interexchange Carrier Serving Office		
	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	Х	AN 2/2
			Code from an industry code list qualifying the type of set characteristics		-
			LO Local Exchange Carrier Serving Offic		_
	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 s characteristics RQ Requested Number	service	e
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 s characteristics	service	Э
SI11	234	T0 Telephone Number Type Product/Service ID	x	AN 1/48
3111 234	Identifying number for a product or service	~		
		TNTYPE(TNAR-18) = Telephone Number Type		

Segment:	ACY	Line Item Acknowledgment			
Position:	2700				
Loop:	ACK	Optional			
Level:	Detail				
Usage: Max Use:	Optional 1				
Purpose:	-	owledge the ordered quantities and specify the ready date	e for	а	
r uipeee.	specific		5 101	u	
Syntax Notes:	1 If eit	her ACK02 or ACK03 is present, then the other is require	d.		
		CK04 is present, then ACK05 is required.			
		her ACK07 or ACK08 is present, then the other is require			
		her ACK09 or ACK10 is present, then the other is require her ACK11 or ACK12 is present, then the other is require			
		her ACK13 or ACK14 is present, then the other is require			
		her ACK15 or ACK16 is present, then the other is require			
		her ACK17 or ACK18 is present, then the other is require			
		her ACK19 or ACK20 is present, then the other is require			
		her ACK21 or ACK22 is present, then the other is require her ACK23 or ACK24 is present, then the other is require			
		her ACK25 or ACK26 is present, then the other is required her ACK25 or ACK26 is present, then the other is required her ACK25 or ACK26 is present.			
		her ACK27 or ACK28 is present, then the other is require			
	14 If AC	CK28 is present, then both ACK27 and ACK29 are require	ed.		
Semantic Notes:		29 Industry Reason Code may be used to identify the ite			
		ddition, it may be used in conjunction with ACK01 to furthe status.	er cia	arity	
Comments:	uie .	status.			
Notes:	ACK*IA***************************TI*TELEPHONE*RESPONSE(TNAR-7)				
D-(Data	Data Element Summary			
Ref. <u>Des.</u>	Data <u>Element</u>	Namo			
<u>Attributes</u>		Name			
ACK01	668	Line Item Status Code	М	ID 2/2	
		Code specifying the action taken by the seller on a line i	tem	requested	
		by the buyer			
		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	/ the	Source	
		Qualifier "TELEPHONE"			

		"TELEPHONE"		
ACK29	1271	Industry Code	Х	AN 1/30
	Code indicating a code from a specific industry code list			
		RESPONE(TNAR-7) = Response		

М

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*SW*TNCOUNT(TNAR-19)*EA
	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		
			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 A examples of use)	.pper	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

Segment:	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. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Materia	1	
	QTY02	380	Quantity	Χ	R 1/15
Numeric v			meric 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 A examples of use)	pper	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

	Segment:	N9 R	Reference Identification						
	Position:	3500							
	Loop:	N9 Optional							
	Level:	Detail							
	Usage:	Optional							
	Max Use:	1							
	Purpose:	Identifica	mit identifying information as specified by the Reference ation Qualifier						
	Syntax Notes:		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 requi						
			her C04005 or C04006 is present, then the other is requi	red.					
	Semantic Notes:		6 reflects the time zone which the time reflects.						
	Comments:	2 N90 ⁻	7 contains data relating to the value cited in N902.						
	Notes:		ERRCODE(TNAR-22)*ERR [N9 Loop repeats ERRNUM(τιλ	D 21)				
	Notes:	times]	ERRODE(TNAR-22) ERR [N9 LOOP Tepeals ERRNOM(INA	R-21)				
		umesj							
			Data Element Summary						
	Ref.	Data							
	Des.	<u>Element</u>	<u>Name</u>						
_	<u>Attributes</u>								
Λ	N901	128	Reference Identification Qualifier	М	ID 2/3				
			Code qualifying the Reference Identification						
			1Q Error Identification Code						
			Qualifies a single number that describes an error found in application-level data						
	N902	127	Reference Identification	Х	AN 1/30				
			Reference information as defined for a particular Transaction Set or as						
			specified by the Reference Identification Qualifier						
			ERRCODE(TNAR-22) = Error Code						
	N903	369	Free-form Description	Х	AN 1/45				
			Free-form descriptive text						
			"ERR"						

М

Segment:	MT)	Text		
Position:	3600			
Loop:	N9	Optional		
Level:	Detail	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	TX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines befo	re pri	nt".
		MTX05 is required.	- 1	
Notes:		RRMESG(TNAR-23)		
		(-)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text	-	
		ro tranomiciargo volumos or mosolago toxt		

ERRMESG(TNAR-23) = Error Message

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

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	 4900 SLN Detail Optional 1 To speci 1 If eiti 2 If SL 3 If SL 4 If eiti 5 If eiti 6 If eiti 7 If eiti 8 If eiti 9 If eiti 10 If eiti 11 If eiti 12 If eiti 13 If eiti 14 If eiti 15 If eiti 16 If eiti 17 If eiti 18 If eiti 10 If eiti 11 If eiti 12 If eiti 13 If eiti 14 SLN 2 SLN 3 SLN 4 SLN 4 SLN 4 SLN 4 SLN 5 If eiti 1 See 2 SLN 1 SLN 2 SLN 1 See 3 SLN 1 SEN 	Subline Item Detail Optional fy product subline detail item data her SLN04 or SLN05 is present, then the other is require N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is require her SLN11 or SLN12 is present, then the other is require her SLN13 or SLN14 is present, then the other is require her SLN15 or SLN16 is present, then the other is require her SLN17 or SLN18 is present, then the other is require her SLN20 or SLN20 is present, then the other is require her SLN21 or SLN20 is present, then the other is require her SLN21 or SLN20 is present, then the other is require her SLN23 or SLN26 is present, then the other is require her SLN25 or SLN26 is present, then the other is require her SLN27 or SLN28 is present, then the other is require her SLN27 or SLN28 is present, then the other is require 01 is the identifying number for the subline level. The sullalogous to the level code used in a bill of materials. 02 is the configuration code indicating the relationship of ne item to the baseline item. 08 is a code indicating the relationship of the price or arr ussociated segment. the Data Element Dictionary for a complete list of IDs.	d. d. d. d. d. d. d. d. bline the nount seline numl	to e per s for	
Notes:	SLN*MI>	(ED*n*A*1*EA			
Ref. <u>Des.</u> <u>Attributes</u> I SLN01	Data <u>Element</u> 350	Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set	M thin a	AN 1	1/20
SLN02	350	"MIXED" Assigned Identification	0	AN 1	1/20

		"MIXED"	
SLN02	350	Assigned Identification	0
		Alphanumeric characters assigned for differentia transaction set	tion within a
		"n" = nth assigned ID within SLN loop	
SLN03	662	Relationship Code	М
		Code indicating the relationship between entities	
		A Add	
SLN04	380	Quantity	Х
		Numeric value of quantity	

Μ

Μ

ID 1/1

X R 1/15

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
			To identify a composite unit of measure (See Fi examples of use)	gures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is bei manner in which a measurement has been taker EA Each	• •

Segment:	SI Service Characteristic Identification
Position:	5000
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
Notoo	
Notes:	SI*TI*RV*TNRES(TNAR-20) [SI Segment repeats TNCOUNT(TNAR-19) times]

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

Segment:	СТТ	Transaction Totals				
Position:	0100					
Loop:	CTT	Optional				
Level:	Summar	/				
Usage:	Optional					
Max Use:	1					
Purpose:		mit a hash total for a specific element in the transaction set				
Syntax Notes:		her CTT03 or CTT04 is present, then the other is required.				
• · · · · ·	2 If eit	her CTT05 or CTT06 is present, then the other is required.				
Semantic Notes:	A This	an ann an t-io-in teachad ta ann aide le an t-tatala ta confiderte trans				
Comments:	 This segment is intended to provide hash totals to validate transaction completeness and correctness. 					
Notes:		nber of PO1 Segments				
	••••••					
		Data Element Summary				
Ref.	Data					
Des.	Element	Name				
<u>Attributes</u>						
CTT01	354	Number of Line Items N	N0 1/6			

Total number of line items in the transaction set

М

S	egment:	SE 1	Fransaction Set Trailer					
F	osition: Loop:	0300						
	Level: Usage:	Summar Mandato	•					
N	lax Use:	1						
P	urpose:	transmit	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)					
Synta: Semantio	<pre> Notes: Notes: </pre>							
Cor	nments:	1 SE i	s the last segment of each transaction set.					
	Notes:	SE*No c	SE*No of Segments*TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
	<u>Attributes</u>							
М	SE01	96	Number of Included Segments M	N0 1/10				
			Total number of segments included in a transaction set incl and SE segments	uding ST				
М	SE02	329	Transaction Set Control Number M	AN 4/9				
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

9.6.3 860 Telephone Number Selection Query (860TNSQ)

Functional Group ID=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 <u>Repeat</u>	Notes and Comments
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		Max.Use	Loop <u>Repeat</u>	Notes and Comments
		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>	<u>Max.Use</u>	Loop Notes and <u>Repeat</u> <u>Comments</u>	
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1		n1
Μ	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

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	Segment:	JII	ransaction Set Header				
	Position: Loop:	0100					
	Level:	Heading					
	Usage:	Mandato	ry				
	Max Use:	1					
S	Purpose: yntax Notes:	To indica	ate the start of a transaction set and to assign a control nu	impe	er		
Sem	 Semantic Notes: 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). The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. 						
	Comments:	CT *060*					
	Notes:	51 800	TRAN SET CONTROL #				
			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
_	<u>Attributes</u>						
	ST01	143	Transaction Set Identifier Code	М	ID 3/3		
			Code uniquely identifying a Transaction Set				
			860 Purchase Order Change Request - B	uyer	[.] Initiated		
1	ST02	329	Transaction Set Control Number	Ń	AN 4/9		
			Identifying control number that must be unique within the	tra	nsaction		

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

Ş	Segment: Position: Loop: Level: Usage: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	0200 Heading Mandato 1 To indica and trans 1 BCH 2 BCH 3 BCH 4 BCH	ate the beginning of the Purchase Order Change Transac smit identifying numbers and dates 106 is the date assigned by the purchaser to purchase ord 109 is the seller's order number. 110 is the date assigned by the sender to the acknowledg 111 is the date of the purchase order change request.	der. Imen	t.
	Notes:	BCH*28 ³ Informati	*IN*TXNUM(TNSQ-2)***PO Date (See Trading Partner A ion)	cces	S
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
М	BCH01	353	Transaction Set Purpose CodeCode identifying purpose of transaction set28Query	М	ID 2/2
М	BCH02	92	Purchase Order Type CodeCode specifying the type of Purchase OrderINInformation Copy	М	ID 2/2
М	BCH03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	М	AN 1/22
М	BCH06	373	TXNUM(TNSQ-2) = Transaction Number Date Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner / Information)	M Acce	DT 8/8
			momatory		

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(TNSQ-6)
	Data Element Summary

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		PO Purchase Order Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Trans specified by the Reference Identification Qualifier PON(TNSQ-6) = Purchase Order Number	saction	Set or as

Updated: January 21, 2002 Qwest Communication

М

Segment:

DTM Date/Time Reference

•• <u> </u> g•	
Position:	1500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
-	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
emantic Notes:	

Sema **Comments:**

Notes:

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

Ref.	Data				
Des.	<u>Element</u>	Name			
<u>Attributes</u>					
DTM01	374	Date/Time Qualifier	М	ID 3/3	
		Code specifying type of date or time, or both date and time	ne		
		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	l, or	HHMMSS,	
		or HHMMSSD, or HHMMSSDD, where H = hours (00-23			
		(00-59), S = integer seconds $(00-59)$ and DD = decimal seconds;			
		decimal seconds are expressed as follows: D = tenths (0			
		hundredths (00-99)	,		
		D/TSENT{HHMM}(TNSQ-3) = Time Sent			

Segment: Position: Loop:	SI service Characteristic Identification
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	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(TNSQ-5)*IQ*TXTYP(TNSQ-4)

			Data Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
м	<u>Attributes</u> 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 se characteristics IR Transaction Activity	rvice	
Μ	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			TXACT(TNSQ-5) = Transaction Activity		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of se characteristics IQ Inquiry Type	rvice	
	SI05	234	Product/Service ID	х	AN 1/48
			Identifying number for a product or service		-

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:	 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(TNSQ-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Iden	ntifier Code	М	ID 2/3
		Code identi or an individ	ifying an organizational entity, a phys dual Service Requester	ical location,	, property
N102	93	Name	bernee Requester	х	AN 1/60
		Free-form r	name		
		CCNA(TNS	Q-1) = Customer Carrier Name Abbr	eviation	

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:	 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(TNSQ-7)			

Ref. Des.	Data Element	Name		
Attributes				
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physor an individual	sical location,	, property
		BY Buying Party (Purchaser)		
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code st Identification Code (67)	tructure used	for
		25 Carrier's Customer Code		
N104	67	Identification Code	Х	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.
eymax notee.	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.
	· · · · · · · · · · · · · · · · · · ·
	9 If either POC20 or POC21 is present, then the other is required.
	10 If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	1 POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*TNSQ

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
	POC01	350	Assigned Identification	Ο	AN 1/20
			Alphanumeric characters assigned for differentiation with transaction set	nin a	3
			"n" = nth assigned ID within POC loop		
М	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 contained in the Purchase Order Cha Transaction Set	alue	es
	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 u	sed in
	POC09	234	Product/Service ID	Х	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.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*RQ*SELNUM(TNSQ-9) [SI Segment repearts SNR(TNSQ-8) times]

	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		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of s characteristics	ervice	e
			RQ Requested Number		
М	SI03	234	Product/Service ID	М	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:	1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
-	2 At least one of PAM02 PAM05 or PAM14 is required.
	3 If either PAM04 or PAM05 is present, then the other is required.
	4 If either PAM06 or PAM07 is present, then the other is required.
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
	6 If PAM07 is present, then PAM06 is required.
	7 If PAM08 is present, then PAM07 is required.
	8 If PAM09 is present, then PAM07 is required.
	9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
	10 If PAM11 is present, then PAM10 is required.
	11 If either PAM13 or PAM14 is present, then the other is required.
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"
	indicates amount is a net value.
Comments:	
Notes:	PAM*B3*SNR(TNSQ-8)*EA

mont Summa Data Elo

Data Element Summary	
Data Liement Summary	

		Data Element Summary		
Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
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)	Apper	ndix for
C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	resse	d, or

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

Total number of line items in the transaction set

Number of Line Items

М

CTT01

354

M N0 1/6

Segme	nt: SE 1	Fransaction Set Trailer				
Positio Loc						
Lev Usag	•••••••••••••••••••••••••••••••••••••••	•				
Max U						
Purpos	transmit	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 Note Semantic Note						
Commen	ts: 1 SEi	s the last segment of each transaction set.				
Note	es: SE*No d	of Segments*TRAN SET CONTROL #				
		Data Element Summary				
Ref	. Data					
Des		Name				
Attrib						
M SEC	96	Number of Included Segments M	N0 1/10			
		Total number of segments included in a transaction set inclu and SE segments	uding ST			
M SEC	329	Transaction Set Control Number M	AN 4/9			
		Identifying control number that must be unique within the tra set functional group assigned by the originator for a transact				

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 Comments
М	0100	ST	Transaction Set Header	М	1		
Μ	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 <u>Repeat</u>	Notes and <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>	Req. Loop <u>Name Des. Max.Use Repeat</u>		Loop <u>Repeat</u>	Notes and <u>Comments</u>	
		LOOP ID - CTT			1	
0100	CTT	Transaction Totals	0	1		n1
0300	SE	Transaction Set Trailer	М	1		

Transaction Set Notes

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

СТ			
31	Transaction	Set	Header

Seg	jment:	51 1	ransaction Set Header		
Po	sition: Loop:	0100			
	Level:	Heading			
ι	Jsage:	Mandato	ry		
Ma	x Use:	1			
Pu Syntax I	rpose: Notes:	To indica	ate the start of a transaction set and to assign a control n	umb	er
Semantic I	Notes:	of th defir 2 The trans appr	transaction set identifier (ST01) is used by the translation e interchange partners to select the appropriate transacti- nition (e.g., 810 selects the Invoice Transaction Set). implementation convention reference (ST03) is used by to slation routines of the interchange partners to select the ropriate implementation convention to match the transacti- nition.	on s the	et
	nents: Notes:	ST*865*	TRAN SET CONTROL #		
			Data Element Summary		
	Ref. <u>Des.</u> tributes	Data <u>Element</u>	Name		
	ST01	143	Transaction Set Identifier Code	М	ID 3/3
			Code uniquely identifying a Transaction Set		
			865 Purchase Order Change Acknowled - Seller Initiated	gmei	nt/Request
М	ST02	329	Transaction Set Control Number	Μ	AN 4/9
			Identifying control number that must be unique within the set functional group assigned by the originator for a tran		

Segment: BCA Beginning Segment for Purchase Order Change

	Segment:		Beginning Segment for Purchase Order Change		
		Acknow	/ledgment		
	Position:	0200			
	Loop:				
	Level:	Heading			
	Usage:	Mandato	ry		
	Max Use:	1			
	Purpose:		ate the beginning of the Purchase Order Change Acknow tion Set and transmit identifying numbers and dates	ledg	ment
	Syntax Notes:				
S	emantic Notes:	1 BCA	.06 is the date assigned by the purchaser to purchase or	ler.	
		2 BCA	.09 is the seller's order number.		
			10 is the date assigned by the sender to the acknowledg	men	t.
			11 is the date of the purchase order change request.		
		5 BCA	12 is the order change acknowledgment date.		
	Comments:				
	Notes:		*AT*TXNUM(TNSR-2)***PO Date (See Trading Partner A	Acce	SS
		Informat	ion)		
	Ref.	Data	Data Element Summary		
		Data	Nows		
	Des.	Element	Name		
м	<u>Des.</u> <u>Attributes</u>	Element		м	ען 2/2
М	Des.		Transaction Set Purpose Code	м	ID 2/2
М	<u>Des.</u> <u>Attributes</u>	Element	Transaction Set Purpose Code Code identifying purpose of transaction set	м	ID 2/2
М	<u>Des.</u> <u>Attributes</u> BCA01	Element 353	Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response		-
М	<u>Des.</u> <u>Attributes</u>	Element	Transaction Set Purpose Code Code identifying purpose of transaction set	м	ID 2/2 ID 2/2
М	<u>Des.</u> <u>Attributes</u> BCA01	Element 353	Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response		-
М	<u>Des.</u> <u>Attributes</u> BCA01	Element 353	Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response Acknowledgment Type		-
М	<u>Des.</u> <u>Attributes</u> BCA01	Element 353	Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response Acknowledgment Type Code specifying the type of acknowledgment		-
	<u>Des.</u> <u>Attributes</u> BCA01 BCA02	Element 353 587	Transaction Set Purpose CodeCode identifying purpose of transaction set11ResponseAcknowledgment TypeCode specifying the type of acknowledgmentATAcceptedPurchase Order Number	0	ID 2/2
	<u>Des.</u> <u>Attributes</u> BCA01 BCA02	Element 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	0	ID 2/2
	<u>Des.</u> <u>Attributes</u> BCA01 BCA02	Element 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
	<u>Des.</u> <u>Attributes</u> BCA01 BCA02	Element 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	0	ID 2/2
М	<u>Des.</u> <u>Attributes</u> BCA01 BCA02 BCA03	Element 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	ID 2/2 AN 1/22
М	<u>Des.</u> <u>Attributes</u> BCA01 BCA02 BCA03	Element 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	ID 2/2 AN 1/22 DT 8/8
М	<u>Des.</u> <u>Attributes</u> BCA01 BCA02 BCA03	Element 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	ID 2/2 AN 1/22 DT 8/8

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(TNSR-6)
	Data Element Summary

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		PO Purchase Order Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular specified by the Reference Identification Qualifie PON(TNSR-6) = Purchase Order Number		Set or as

М

Segment:

DTM Date/Time Reference

•• <u>j</u> •	
Position:	1500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
-	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
•	

Comments:

М

Notes:

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

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
DTM01	374	Date/Time Qualifier	Μ	ID 3/3
		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: HHM or HHMMSSD, or HHMMSSDD, where H = hours (00-2 (00-59), S = integer seconds (00-59) and DD = decimal decimal seconds are expressed as follows: D = tenths hundredths (00-99) D/TSENT{HHMM}(TNSR-3) = Time Sent	23), M I seco	I = minutes onds;

Segment: Position: Loop:	SI Service Characteristic Identification
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	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(TNSR-5)*IQ*TXTYP(TNSR-4)

			Data Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	Attributes				
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 set characteristics IR Transaction Activity	rvice	•
М	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 set characteristics IQ Inquiry Type	rvice	•
	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:	 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(TNSR-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Iden	ntifier Code	Μ	ID 2/3
		Code identi or an individ	ifying an organizational entity, a physical l dual Service Requester	ocation	, property
N102	93	Name		х	AN 1/60
		Free-form r	name		
		CCNA(TNS	SR-1) = Customer Carrier Name Abbreviat	tion	

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:	 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(TNSR-8)

Ref. <u>Des.</u>	Data <u>Element</u>	Name		
<u>Attributes</u>				
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a phys or an individual	ical location,	, property
		BY Buying Party (Purchaser)		
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code sta Identification Code (67)	ructure used	for
N/4.0.4	67	25 Carrier's Customer Code	v	A NI 2/00
N104	67	Identification Code	Х	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:	 If POC03 is present, then both POC04 and POC05 are required. If POC07 is present, then POC06 is required. If either POC08 or POC09 is present, then the other is required. If either POC10 or POC11 is present, then the other is required. If either POC12 or POC13 is present, then the other is required. If either POC14 or POC15 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. If either POC18 or POC19 is present, then the other is required. If either POC20 or POC21 is present, then the other is required. If either POC22 or POC23 is present, then the other is required. If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	1 POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*BAD [POC Loop will be used if RESPONSE(TNSR-7) = "B"]

	Ref.	Data	Data Element	Summary		
	Des. Attributes	<u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Identif	ication	Ο	AN 1/20
			Alphanumeric cha transaction set	racters assigned for differentiation wit	hin a	a
			"n" = nth assigned	I ID within POC loop		
Μ	POC02	670	Change or Respo	onse Type Code	Μ	ID 2/2
			Code specifying the	ne type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the corresp the original purchase order with the contained in the Purchase Order Cha Transaction Set	/alue	es
	POC08	235	Product/Service	ID Qualifier	Х	ID 2/2
			Code identifying the Product/Service II	he type/source of the descriptive numb D (234) Mutually Defined	oer u	sed in
	POC09	234	Product/Service	•	Х	AN 1/48
			Identifying numbe	r for a product or service		
			"BAD"	•		

		-		
Segment:	AC	Line Item Acknowledgment		
Position:	2700			
Loop:	ACK	Optional		
Level:	Detail			
Usage: Max Use:	Optional 1			
Purpose:	-	owledge the ordered quantities and specify the ready da	te for	а
i uipeeei	specific			4
Syntax Notes:	1 If eit	her ACK02 or ACK03 is present, then the other is requir	ed.	
		CK04 is present, then ACK05 is required.		
		her ACK07 or ACK08 is present, then the other is requir		
		her ACK09 or ACK10 is present, then the other is requir		
		her ACK11 or ACK12 is present, then the other is requir her ACK13 or ACK14 is present, then the other is requir		
		her ACK15 or ACK16 is present, then the other is requir		
		her ACK17 or ACK18 is present, then the other is requir		
		her ACK19 or ACK20 is present, then the other is requir		
		her ACK21 or ACK22 is present, then the other is requir		
		her ACK23 or ACK24 is present, then the other is requir		
		her ACK25 or ACK26 is present, then the other is requir her ACK27 or ACK28 is present, then the other is requir		
		CK28 is present, then both ACK27 and ACK29 are require		
Semantic Notes:		29 Industry Reason Code may be used to identify the it		tatus.
		ddition, it may be used in conjunction with ACK01 to furth	ner cl	arify
• .	the	status.		
Comments: Notes:		**************************************		7)
Notes:	ACK IK	II TELEPHONE RESPONSE(IN	SK-1)
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
I ACK01	668	Line Item Status Code	М	ID 2/2
		Code specifying the action taken by the seller on a line	item	requested
		IR Item Rejected		
	550	-	v	<u>م</u> ار ما
ACK27	559	Agency Qualifier Code	X	ID 2/2
		Code identifying the agency assigning the code values		
10//00	000	TI Telecommunications Industry	v	
ACK28	822	Source Subqualifier	X	AN 1/15
		A reference that indicates the table or text maintained b	by the	e Source
		Qualifier "TELEPHONE"		

		"TELEPHONE"		
ACK29	1271	Industry Code	Х	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:	 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					
Def	Data Element Summary					
Ref.	Data					

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	QTY01	673	Quantity Qualifier	Μ	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 Ap examples of use)	oper	ndix for	
Μ	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2	
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	SSE	d, or	

Segment:	N9 F	Reference Identification	
Position:	3500		
Loop:	N9	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	Identifica	mit identifying information as specified by the Reference ation Qualifier	
Syntax Notes:		east one of N902 or N903 is required.	
		906 is present, then N905 is required.	
		ther C04003 or C04004 is present, then the other is require ther C04005 or C04006 is present, then the other is require	
Semantic Notes:		6 reflects the time zone which the time reflects.	u.
Semantic Notes.		7 contains data relating to the value cited in N902.	
Comments:	2 1100		
Notes:	N9*1Q*E	ERRCODE(TNSR-31)*ERR [N9 Loop repeats ERRNUM(T	NSR-30)
	times]		,
		Data Element Summary	
Ref.	Data	·	
Des.	Element	·	
<u>Des.</u> <u>Attribute</u> :	<u>Element</u>	Name	M ID 2/2
<u>Des.</u> Attributes	Element	Name Reference Identification Qualifier	M ID 2/3
<u>Des.</u> <u>Attribute</u> :	<u>Element</u>	Name Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
<u>Des.</u> <u>Attribute</u> :	<u>Element</u>	Name Reference Identification Qualifier N Code qualifying the Reference Identification 1Q Error Identification Code 10	
<u>Des.</u> <u>Attribute</u> :	<u>Element</u>	Name Reference Identification Qualifier Code qualifying the Reference Identification	
<u>Des.</u> <u>Attribute</u> :	<u>Element</u>	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describe found in application-level data	
Des. <u>Attribute</u> M N901	Element 5 128	Name Reference Identification Qualifier M Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describe found in application-level data	es an error X AN 1/30
Des. <u>Attribute</u> M N901	Element 5 128	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describe found in application-level data Reference Identification Reference Identification Reference Identification Reference Identification Reference Identification ERRCODE(TNSR-31) = Error Code	es an error X AN 1/30
Des. Attributes N N901	Element 128 127	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describe found in application-level data Reference Identification Reference Identification Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ERRCODE(TNSR-31) = Error Code Free-form Description	es an error X AN 1/30 ion Set or as
Des. Attributes N N901	Element 128 127	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describe found in application-level data Reference Identification Reference Identification Reference Identification Reference Identification Reference Identification ERRCODE(TNSR-31) = Error Code	es an error X AN 1/30 ion Set or as

М

Segment:	МТХ т	ext		
Position:	3600			
Loop:	N9 Optio	onal		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify te	xtual data		
Syntax Notes:	• •	is present, then MTX02 is required.		
-,		is present, then MTX02 is required.		
		is present, then MTX04 is required.		
Semantic Notes:		s the number of lines to advance before printing.		
Comments:		is "AA - Advance the specific number of lines before	ore pri	nt".
		K05 is required.		
Notes:		ESG(TNSR-32)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u> Nai	ne		
<u>Attributes</u>				
MTX02	1551 Me	ssage Text	Х	AN 1/4096
	То	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:	 If POC03 is present, then both POC04 and POC05 are required. If POC07 is present, then POC06 is required.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	10 If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	1 POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*GOOD [POC Loop will be used if RESPONSE(TNSR-7) = "G"]

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

Segment:	ACK	Line Item Acknowledgment		
Position:	2700			
Loop:	ACK	Optional		
Level:	Detail			
Usage: Max Use:	Optional 1			
Purpose:	-	owledge the ordered quantities and specify the ready dat	e for	а
	specific l			-
Syntax Notes:		her ACK02 or ACK03 is present, then the other is require	ed.	
		CK04 is present, then ACK05 is required.	1	
		her ACK07 or ACK08 is present, then the other is require her ACK09 or ACK10 is present, then the other is require		
		her ACK11 or ACK12 is present, then the other is require		
		her ACK13 or ACK14 is present, then the other is require		
		her ACK15 or ACK16 is present, then the other is require		
		her ACK17 or ACK18 is present, then the other is require		
		her ACK19 or ACK20 is present, then the other is require her ACK21 or ACK22 is present, then the other is require		
		her ACK23 or ACK24 is present, then the other is require		
		her ACK25 or ACK26 is present, then the other is require		
		her ACK27 or ACK28 is present, then the other is require		
Computin Noton		CK28 is present, then both ACK27 and ACK29 are require		-
Semantic Notes:		29 Industry Reason Code may be used to identify the ite distion, it may be used in conjunction with ACK01 to furth		
		status.		
Comments:				
Notes:	ACK*IA*	***************************TI*TELEPHONE*RESPONSE(TNS	3R-7)
		Data Element Summary		
Ref.	Data	Data Liement Gummary		
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
ACK01	668	Line Item Status Code	M	ID 2/2
		Code specifying the action taken by the seller on a line by the buyer	item	requested
		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 b		
		Qualifier		-
		"TELEPHONE"		
ACK29	1271	Industry Code	Х	AN 1/30

		"TELEPHONE"			
K29	1271	Industry Code	Х	AN 1/30	
		Code indicating a code from a specific industry code list			
		RESPONSE(TNSR-7) = Response			

М

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

Ref.	Data	Data Element Summary		
<u>Des.</u> Attributes	<u>Element</u>	Name		
POC01	350	Assigned Identification	Ο	AN 1/20
		Alphanumeric characters assigned for differentiation transaction set "n" = nth assigned ID within POC loop	within a	ì
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 correct the original purchase order with the contained in the Purchase Order	ne value	s
BOC09	235	Transaction Set	v	2/2
POC08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive nu Product/Service ID (234) ZZ Mutually Defined	X umber u	ID 2/2 sed in
POC09	234	Product/Service ID Identifying number for a product or service "MIXED"	X	AN 1/48

		-		
Segment:		Line Item Acknowledgment		
Position:	2700			
Loop:	ACK	Optional		
Level:	Detail			
Usage: Max Use:	Optional 1			
Purpose:	-	owledge the ordered quantities and specify the ready date	for	2
i uipose.	specific		, 101	a
Syntax Notes:		her ACK02 or ACK03 is present, then the other is required	d.	
		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		
		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		
		K28 is present, then both ACK27 and ACK29 are require		
Semantic Notes:	1 ACK	29 Industry Reason Code may be used to identify the iter	m sta	
		ddition, it may be used in conjunction with ACK01 to furthe	er cla	arify
Comments:	thes	status.		
Notes:	ACK*IA*	**************************************	R-7)	
			,	
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
Attributes ACK01	668	Line Item Status Code	м	ID 2/2
	000	Code specifying the action taken by the seller on a line in		
		by the buyer	lem	requested
		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	/ the	
		Qualifier		
		"TELEPHONE"		
ACK29	1271	Industry Code	Х	AN 1/30

		TEEFTIONE			
ACK29	1271	Industry Code	Х	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:	 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. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
Μ	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			V1 Retention Quantity		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			QNSNUM(TNSR-28) = Quantity of Non-Selected Teleph	none	Numbers
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	pper	ndix 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	∋sse	d, 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

	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 Materi	al	
	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 examples of use)	Apper	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	resse	d, or

S	Segment:	N9 R	Reference Identification		
I	Position:	3500			
	Loop:	N9	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	1			
	Purpose:	Identifica	mit identifying information as specified by the Reference ation Qualifier		
Synta	x Notes:		east one of N902 or N903 is required.		
			906 is present, then N905 is required.		
			her C04003 or C04004 is present, then the other is require		
Comonti	a Natao		her C04005 or C04006 is present, then the other is require	ea.	
Semanti	ic Notes:		6 reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.		
Co	mments:	Z 1190			
00	Notes:		ERRCODE(TNSR-31)*ERR [N9 Loop repeats ERRNUM(1	LNIC	R-30)
	Notes.	times]		1110	IX-30)
			Data Element Summary		
	Ref.	Data	·		
	Des.	Data <u>Element</u>	·		
-	<u>Des.</u> Attributes	<u>Element</u>	Name		
-	Des.		Name Reference Identification Qualifier	м	ID 2/3
-	<u>Des.</u> Attributes	<u>Element</u>	Name	М	ID 2/3
л	<u>Des.</u> Attributes	<u>Element</u>	Name Reference Identification Qualifier	М	ID 2/3
-	<u>Des.</u> Attributes	<u>Element</u>	Name Reference Identification Qualifier Code qualifying the Reference Identification		
-	<u>Des.</u> Attributes	<u>Element</u>	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describe		
-	<u>Des.</u> <u>Attributes</u> N901	Element 128	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describt found in application-level data	bes X	an error AN 1/30
-	<u>Des.</u> <u>Attributes</u> N901	Element 128	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describter found in application-level data Reference Identification Reference Identification Reference Identification Reference Identification Reference Information as defined for a particular Transaction specified by the Reference Identification Qualifier ERRCODE(TNSR-31) = Error Code	bes X	an error AN 1/30
-	<u>Des.</u> <u>Attributes</u> N901 N902	Element 128 127	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describe found in application-level data Reference Identification Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ERRCODE(TNSR-31) = Error Code Free-form Description	oes X	an error AN 1/30 Set or as
-	<u>Des.</u> <u>Attributes</u> N901 N902	Element 128 127	Name Reference Identification Qualifier Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describter found in application-level data Reference Identification Reference Identification Reference Identification Reference Identification Reference Information as defined for a particular Transaction specified by the Reference Identification Qualifier ERRCODE(TNSR-31) = Error Code	oes X	an error AN 1/30 Set or as

М

Segment:	MTX	Text		
Position:	3600			
Loop:	N9 Op	otional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify	textual data		
Syntax Notes:		01 is present, then MTX02 is required.		
-,		03 is present, then MTX02 is required.		
		05 is present, then MTX04 is required.		
Semantic Notes:		5 is the number of lines to advance before printing.		
Comments:		04 is "AA - Advance the specific number of lines before	re prir	nt".
		ITX05 is required.		,
Notes:		RMESG(TNSR-32)		
	_	Data Element Summary		
Ref.	Data			
Des.	<u>Element</u> N	lame_		
<u>Attributes</u>				
MTX02	1551 M	lessage Text	Х	AN 1/4096
	T	o transmit large volumes of message text		

ERRMESG(TNSR-32) = Error Message

Segment:	SI N	Subline Item Detail		
Position:				
	4900 SLN	Optional		
Loop: Level:	Detail	Optional		
Usage:	Optional			
Max Use:	1			
Purpose:	-	fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is requir	ed.	
-,		.N07 is present, then SLN06 is required.		
		N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is requir	ed.	
	5 If eit	her SLN11 or SLN12 is present, then the other is requir	ed.	
		her SLN13 or SLN14 is present, then the other is requir		
		her SLN15 or SLN16 is present, then the other is requir		
		her SLN17 or SLN18 is present, then the other is requir		
		her SLN19 or SLN20 is present, then the other is requir		
		her SLN21 or SLN22 is present, then the other is requir		
		her SLN23 or SLN24 is present, then the other is requir her SLN25 or SLN26 is present, then the other is requir		
		her SLN25 or SLN26 is present, then the other is requir		
Semantic Notes:		01 is the identifying number for the subline item.	cu.	
		02 is the identifying number for the subline level. The su	ubline	evel
		alogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship c	of the	
		ine item to the baseline item.		
		08 is a code indicating the relationship of the price or a	mount	to
		associated segment.		
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the b		
		number. Example: 1.1 or 1A might be used as a sublin	e numi	ber
		late to baseline number 1. 09 through SLN28 provide for ten different product/serv		for
		i item. For example: Case, Color, Drawing No., U.P.C.		
		Model No., or SKU.	110., 10	
Notes:		KED*n*A*1*EA		
		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 w	ithin a	
		transaction set		
	252	"MIXED"	~	A NI 4/00
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation w	/ithin a	

Μ	

SLN03

SLN04

662

380

М

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Μ

ID 1/1

X R 1/15

transaction set

А

Quantity

Relationship Code

Numeric value of quantity

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
			To identify a composite unit of measure (See Fi examples of use)	gures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is bei manner in which a measurement has been taker EA Each	• •

Segment:	SI Service Characteristic Identification
Position:	5000
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-,	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TN*NSTN(TNSR-29) [SI Segment repeats QNSNUM(TNSR-28) times]

		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
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	М	AN 2/2
		Code from an industry code list qualifying the type of se characteristics	rvice	•
		TN Telephone Number		
SI03	234	Product/Service ID	Μ	AN 1/48
		Identifying number for a product or service		
		NSTN(TNSR-29) = Non-Selected Telephone Number		
	<u>Des.</u> <u>Attributes</u> SI01 SI02	Des. Des.ElementAttributes SI01559SI021000	Des. Attributes Element Name Attributes 559 Agency Qualifier Code Sl01 559 Agency Qualifier Code Code identifying the agency assigning the code values TI TI Telecommunications Industry Sl02 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of se characteristics TN TN Telephone Number Sl03 234 Product/Service ID Identifying number for a product or service Identifying number for a product or service	Ref. Data Des. Element Name Attributes Sl01 559 Agency Qualifier Code M Sl01 559 Agency Qualifier Code M Code identifying the agency assigning the code values TI Telecommunications Industry Sl02 1000 Service Characteristics Qualifier M Code from an industry code list qualifying the type of service characteristics TN Telephone Number Sl03 234 Product/Service ID M

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

Total number of line items in the transaction set

Number of Line Items

М

CTT01

354

M N0 1/6

Se	gment:	SE 1	Fransaction Set Trailer	
P	osition: Loop:	0300		
	Level: Usage:	Summar Mandato	•	
M	ax Use:	1		
P	urpose:		ate the end of the transaction set and provide the count of the ted segments (including the beginning (ST) and ending (SE) ts)	9
Syntax Semantic	Notes: Notes:			
Corr	nments:	1 SE i	s the last segment of each transaction set.	
	Notes:	SE*No c	of Segments*TRAN SET CONTROL #	
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	<u>Name</u>	
-	<u>ttributes</u>			
М	SE01	96	Number of Included Segments M	N0 1/10
			Total number of segments included in a transaction set incl and SE segments	uding ST
Μ	SE02	329	Transaction Set Control Number M	AN 4/9
			Identifying control number that must be unique within the traset functional group assigned by the originator for a transact	