Raw Loop Data Table of Contents

13. RAW LOOP DATA	2
13.1 BUSINESS DESCRIPTION	2
13.2 BUSINESS MODEL	3
13.3 Developer Worksheets	4
13.4 TRADING PARTNER ACCESS INFORMATION	5
13.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information	5
13.4.2 ISA TABLE INFORMATION	6
13.4.3 GS TABLE INFORMATION	7
13.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS	
13.5 MAPPING EXAMPLES	
13.5.1 Raw Loop Data Query (850RLDQ) – Version 4020	9
13.5.2 Raw Loop Data Response (855RLDR) – Version 4020	11
13.6 DATA DICTIONARY	
13.6.1 850 Raw Loop Data Query (850RLDQ)	13
13.6.2 855 Raw Loop Data Response (855RLDR)	

13. RAW LOOP DATA

13.1 Business Description

The Raw Loop Data Query (RLDQ) enables CLECs to access detailed loop makeup information that makes it possible for CLEC to make an independent judgment as to whether or not a loop is capable of supporting xDSL services.

The loop data may be accessed by either entering a valid telephone number or an address. If using an address, a CLEC will need to indicate whether the address is Assigned or Unassigned. If Assigned, the address must have at least one working telephone number (published or non-published). If Unassigned, the address is not associated with a working telephone number and the Raw Loop Data Response (RLDR) will include loop information for spare loops.

The following loop makeup information will be provided in the RLDR:

- Quantity, location, and type of equipment on the loop, by segment, that includes:
 - Digital Loop Carrier (IDLC, UDLC, UDC, etc.)
 - Pair Gain devices
 - Load Coils
 - Bridge Taps (including the length of each individual Bridge Tap)
 - Feeder/Distribution interfaces
- Loop length and wire gauge by segment (including the location of each type of transmission media)
- □ Electrical parameters (i.e., Mechanized Loop Test (MLT) distance)

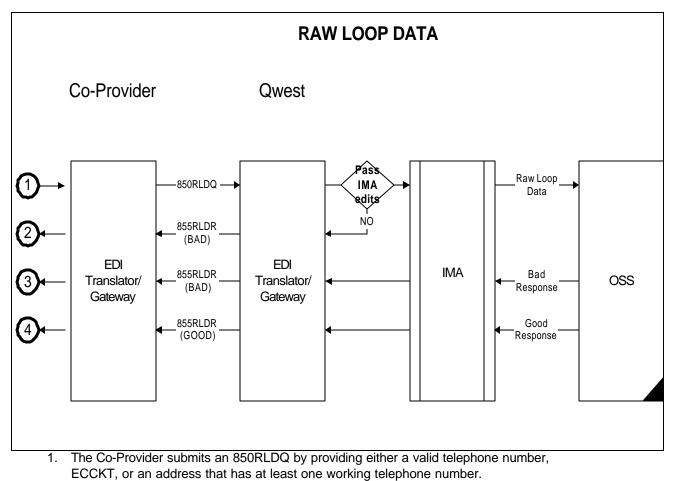
The data available is refreshed during every request for RLD and is up to date.

A CLEC may view RLD for assigned (working) loops at a specific address regardless of the loop's ownership characteristics.

13.2 Business Model

Raw Loop Data

Raw Loop Data enables Co-Providers the ability to query for and receive information regarding the makeup of a loop in order to determine whether or not a loop is capable of supporting xDSL services.



2. If the 850RLDQ fails the IMA edits, 855RLDR (BAD) will be returned.

If the 850RLDQ passes the IMA edits, the query will be sent to the Operations Support System (OSS). This system will respond with one of two responses: BAD or GOOD.

- 3. 855RLDR (BAD) will be returned when the 850RLDQ encounters an error(s) with the OSS.
- 4. 855RLDR (GOOD) will be returned with information regarding the makeup of the loop.

13.3 Developer Worksheets

See Appendix A - Developer Worksheets - PreOrder

13.4 Trading Partner Access Information

PRE-ORDER FUNCTION	PRODUCT ID
Raw Loop Data Query	850RLDQ
Raw Loop Data Response	855RLDR

13.4.1 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.

13.4.2 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' (<u>Note</u> : This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier
ISA08	'QWESTP' (<u>Note</u> : This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)	Co-Provider TP ID
ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD
ISA10	Time of the interchange. HHMM (24 Hour Clock)	Time of the interchange. HHMM (24 Hour Clock)
ISA11	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)
ISA12	'00402' (Interchange Version ID)	'00402' (Interchange Version ID)
ISA13	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number
ISA14	'0' (No acknowledgment requested)	'0' (No acknowledgment requested
ISA15	'P' (Production data)	'P' (Production data)
ISA16	'0x1f' (Sub-element Separator)	'0x1f' (Sub-element Separator)

13.4.3 GS TABLE INFORMATION

ANSI X12 GS and GE segment definitions:

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

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

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

GS TABLE:

PRE ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	NT GS01 GS02 VALUE VALUE		GS03 VALUE		
Raw Loop Data Query	Receive	850RLDQ	PO	Co-Provider TP ID	RLD90		
Raw Loop Data Response	Send	855RLDR	PR	RLD90	Co-Provider TP ID		

13.4.4 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

13.5 Mapping Examples

13.5.1 Raw Loop Data Query (850RLDQ) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = Developer's Worksheet	ТХЛИМ
Element	
Superscript = Developer's Worksheet Ref #	RLDQ-1
DWS used in this mapping example:	
RLDQ =Raw Loop Data Query	
RLDR =Raw Loop Data Response	
Italics = Literal	GOOD
<u>Underline</u> = Apply code conversion, used	<u>ACT</u>
with 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	= Actual element separator in an EDI
related data dictionary.	transaction.
> = Sub-element separator in this example	non-printable characters of "0x1f" = Actual
and related data dictionary.	sub-element separator in an EDI transaction.

ST*850*TRAN SET CONTROL # BEG*28*IN**TXNUM*^{RLDQ-2}**PO Date (See Trading Partner Access Information) PAM*02**WTNQ*^{RLDQ-7}*EA DTM*097**D/TSENT*{CCYYMMDD}^{RLDQ-3}**D/TSENT*{HHMM}^{RLDQ-3} SI*TI*IR**TXACT*^{RLDQ-5}*IQ**TXTYP*^{RLDQ-4} N1*78**CCNA*^{RLDQ-1}

TN, ADDRESS QUERY SECTION

 $\begin{array}{l} \mathsf{PO1}^*\mathsf{n}^*\mathsf{1}^*\mathsf{EA}^{***}\mathsf{ZZ}^* \textit{TNADDRCKTIND}^{\mathsf{RLDQ-6}}\\ \mathsf{PID}^*\mathsf{S}^{**}\mathsf{TI}^*\mathsf{ASGNIND}^*\textit{ASGNIND}^{\mathsf{RLDQ-6a}}\\ \mathsf{N1}^*\mathsf{IT}^*\textit{ADDRESS}\\ \mathsf{N4}^{**}\textit{STATE}^{\mathsf{RLDQ-24}}\textit{ZIP}^{\mathsf{RLDQ-25}}{**}\mathsf{RJ}^*\textit{CALA}^{\mathsf{RLDQ-26}}\\ \mathsf{NX2}^*\mathsf{01}^*\textit{SANO}^{\mathsf{RLDQ-11}}\\ \mathsf{NX2}^*\mathsf{02}^*\textit{SASN}^{\mathsf{RLDQ-14}}\\ \mathsf{NX2}^*\mathsf{03}^*\textit{SASD}^{\mathsf{RLDQ-13}}\\ \mathsf{NX2}^*\mathsf{03}^*\textit{SASD}^{\mathsf{RLDQ-22}}\\ \mathsf{NX2}^*\mathsf{05}^*\textit{BOX}^{\mathsf{RLDQ-22}}\\ \mathsf{NX2}^*\mathsf{06}^*\textit{ROUTE}^{\mathsf{RLDQ-21}}\\ \mathsf{NX2}^*\mathsf{07}^*\textit{CITY}^{\mathsf{RLDQ-23}}\\ \mathsf{NX2}^*\mathsf{39}^*\textit{AHN}^{\mathsf{RLDQ-16}}\\ \mathsf{NX2}^*\mathsf{40}^*\textit{SASS}^{\mathsf{RLDQ-16}}\\ \mathsf{NX2}^*\mathsf{59}^*\textit{SAPR}^{\mathsf{RLDQ-16}}\\ \mathsf{NX2}^*\mathsf{61}^*\textit{SASF}^{\mathsf{RLDQ-16}}\\ \mathsf{NX2}^*\mathsf{62}^*\textit{SATH}^{\mathsf{RLDQ-15}}\\ \mathsf{NX2}^*\textit{LD2}^{\mathsf{ALDQ-16a}} \textit{LV1}^{\mathsf{RLDQ-16b}}\\ \mathsf{NX2}^*\textit{LD2}^{\mathsf{RLDQ-16c}} \textit{LV2}^{\mathsf{RLDQ-16f}}\\ \mathsf{NX2}^*\textit{LD3}^{\mathsf{RLDQ-16e}} \textit{LV3}^{\mathsf{RLDQ-16f}}\\ \mathsf{NX2}^*\textit{LD3}^{\mathsf{RLDQ-16e}} \textit{LV3}^{\mathsf{RLDQ-16f}}\\ \end{array}$

[SLN Loop repeats WTNQRRLDQ-7 times]

SI*TI*AF***AFT**^{RLDQ-9a} SLN**WTNQ**n*A*1*EA QTY*02***WTNNUM**^{RLDQ-8}*EA SI*TI*WT***WTN**^{RLDQ-9}

CTT*Number of PO1 Segments SE*No of Segments*TRAN SET CONTROL #

QTY*02**ECCKTNUM*^{RLDR-8}*EA SI*TI*CN**ECCKT*^{RLDR-8a}*99**ECCKT*^{RLDR-8a} SI*TI*WT* WTNRLDR-9 N1*IT*ADDRESS N4****STATE**^{RLDR-23}***ZIP**^{RLDR-24} NX2*01***SANO**^{RLDR-11} NX2*02*SASN NX2*03***SASD**RLDR-13 NX2*07*CITYRLDR-22 NX2*40***SASS**RLDR-16 NX2*59***SAPR**^{RLDR-10} NX2*61***SASF**^{RLDR-12} NX2*62***SATH**RLDR-15 NX2*<u>LD1</u>^{RLDR-16a}*LV1^{RLDR-16b} NX2*<u>LD2</u>^{RLDR-16c}*LV2^{RLDR-16d} NX2*<u>LD3</u>^{RLDR-16e}*LV3^{RLDR-16f} SI*TI*LO* WCCLLI SI*TI*MF**MLTDIST*^{RLDR-26} QTY*02***SEGMENTQTY**^{RLDR-27}*EA SLN**LOOPSTAT**n*A*1*EA SI*TI*L2**LOOPSTAT*^{RLDR-26a} [SLN Loop repeats **SEGMENTQTY**^{RLDR-27}times] SLN*SEGMENT*n*A*1*EA SI*TI*CT* SEGMENTNUM RLDR-28 SI*TI*K2*CABLE_NAME SI*TI*GT* PAIR_GAIN_TYPE SI*TI*K6***PAIR_NUMBER**RLDR-34 PID*X**TI*LCT* LCT PID*S**TI*TID*TERMINAL_IDRL_P QTY*TO* **LOADPTAMT**RLDR-35*EA SI*TI*QT*LCQ N9*H7*ORI* BRIDGE MTX**BRIDGE_TAP_OFFSET_DESC^{RLDR-30} N9*H7*ORI*MAKE UP DESC MTX****MAKE_UP_DESC**RLDR-31

GOOD

PO1*n*1*EA***ZZ* RAWLOOP

PO1*n*1*EA***ZZ*BAD	[PO1 Loop will be used if RESPONSE ^{RLDR-6} = 'B']
QTY*03* <i>ERRNUM^{RLDR-37}</i> *EA N9*1Q* <i>ERRCODE^{RLDR-38}*ERR</i> MTX** <i>ERRMESG^{RLDR-39}</i>	[N9 Loop repeats ERRNUM ^{RLDR-37} times]

[PO1 Loop will be used if **RESPONSE**^{RLDR-6} = 'G']

[PO1 Loop repeats **ECCKTQ**^{RLDR-7} times]

BAD

ST*855*TRAN SET CONTROL # BAK*11*AT* **TXNUM**^{RLDR-2}*PO Date (See Trading Partner Access Information) REF*ACC***RESPONSE** PAM*02***ECCKTQ**^{RLDR-7}*EA DTM*097***D/TSENT**{CCYYMMDD}^{RLDR-3}***D/TSENT**{HHMM}^{RLDR-3} SI*TI*IR***TXACT**^{RLDR-5}*IQ***TXTYP**^{RLDR-4} N1*78***CCNA**^{RLDR-1}

13.5.2 Raw Loop Data Response (855RLDR) – Version 4020

CTT*Number of PO1 Segments SE*No of Segments*TRAN SET CONTROL #

13.6 Data Dictionary

13.6.1 850 Raw Loop Data Query (850RLDQ)

Functional Group ID=PO

Introduction:

The 850RLDQ will be used by the Co-Provider to initiate a Raw Loop Data Query to Qwest.

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

Notes:

This 850 Transaction includes the mapping for Raw Loop Data Query.

Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop Notes and <u>RepeatComments</u>
М	0100	ST	Transaction Set Header	М	1	
Μ	0200	BEG	Beginning Segment for Purchase Order	Μ	1	
	0950	PAM	Period Amount	0	10	
	1500	DTM	Date/Time Reference	0	10	
	1850	SI	Service Characteristic Identification	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 Notes and <u>RepeatComments</u>
			LOOP ID - PO1			100000
Μ	0100	PO1	Baseline Item Data - TN, Address Query Section	М	1	n1
			LOOP ID - PID			1000
	0500	PID	Product/Item Description	0	1	
			LOOP ID - N1			200
	3500	N1	Name	0	1	
	3800	N4	Geographic Location	0	1	
	3850	NX2	Location ID Component	0	>1	
	4050	SI	Service Characteristic Identification	0	>1	
			LOOP ID - SLN			>1
	4700	SLN	Subline Item Detail	0	1	
			LOOP ID - QTY			>1
	5290	QTY	Quantity	0	1	

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

5300	SI	Service Characteristic Identification	0	>1	
5300	SI	Service Characteristic Identification	0	>1	

Summary:

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

Transaction Set Notes

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

	Segment:	ST 1	Fransaction Set Header		
	Position: Loop:	0100			
	Level:	Heading			
	Usage:	Mandato	ry		
	Max Use:	1			
Sy	Purpose: yntax Notes:	To indica	ate the start of a transaction set and to assign a control nur	nbei	r
Sem	antic Notes:	routi trans	transaction set identifier (ST01) is used by the translation nes of the interchange partners to select the appropriate saction set definition (e.g., 810 selects the Invoice Transact	ion	
		trans appr	implementation convention reference (ST03) is used by the slation routines of the interchange partners to select the opriate implementation convention to match the transaction nition.		t
	Comments: Notes:	ST*850*	TRAN SET CONTROL #		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name		
	Attributes		<u></u>		
М	ST01	143	Transaction Set Identifier Code	М	ID 3/3
			Code uniquely identifying a Transaction Set		
			850 Purchase Order		
м	ST02	329		м	AN 4/9
			Identifying control number that must be unique within the functional group assigned by the originator for a transaction	tran	saction set

	Segment: Position: Loop:	BEC 0200	Beginning Segment for Purchase Order		
	Level:	Heading			
	Usage:	Mandato	ry		
	Max Use:	1			
	Purpose:		ate the beginning of the Purchase Order Transaction Set a identifying numbers and dates	nd	
	Syntax Notes:				
5	Semantic Notes:	1 BEG	605 is the date assigned by the purchaser to purchase ord	er.	
	Comments:				
	Notes:	Informati	IN*TXNUM (RLDQ-2)**PO Date (See Trading Partner Acc on)	ess	
		_	Data Element Summary		
	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
м	Attributes BEG01	353	Transaction Set Purpose Code	м	ID 2/2
			Code identifying purpose of transaction set		
			28 Query		
м	BEG02	92	Purchase Order Type Code	м	ID 2/2
IVI	DLGUZ	JL	Code specifying the type of Purchase Order	IVI	
	55000				
М	BEG03	324	Purchase Order Number	М	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			TXNUM (RLDQ-2) =Transaction Number		
Μ	BEG05	373	Date	Μ	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner A Information)	cces	S

Segment:	PAM Period Amount				
Position:	0950				
Loop:					
Level:	Heading				
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*02*WTNQ (RLDQ-7)*EA				

Data Element Summary

		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
PAM01	673	Quantity Qualifier	Х	ID 2/2
		Code specifying the type of quantity		
		02 Cumulative Quantity		
PAM02	380	Quantity	Х	R 1/15
		Numeric value of quantity		
		WTNQ (RLDQ-7) = Working 10-digit Telephone Number	Quan	tity
PAM03	C001	Composite Unit of Measure	Х	
		To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed,	or

Μ

Segment:	DTN	Date/Time Reference	
Position:	1500		
Loop: Level:	Heading		
Usage:	Optional		
Max Use: Purpose:	10 To speci	ty pertinent dates and times	
Syntax Notes:	1 At le 2 If DT	ast one of DTM02 DTM03 or DTM05 is required. M04 is present, then DTM03 is required. her DTM05 or DTM06 is present, then the other is required.	
Semantic Notes: Comments:			
Notes:	DTM*097	**D/TSENT{CCYYMMDD} (RLDQ-3)*D/TSENT{HHMM}(RLDQ-	-3)
		Data Element Summary	
Ref. Des.	Data Element	Name	
<u>Attributes</u>	Liement	Name	
I DTM01	374	Date/Time Qualifier M	ID 3/3
		Code specifying type of date or time, or both date and time 097 Transaction Creation	

Date expressed as CCYYMMDD D/TSENT (RLDQ-3) = Date Sent

D/TSENT{HHMM}(RLDQ-3) = Time Sent

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD =

М

DTM02

DTM03

373

337

Date

Time

hundredths (00-99)

DT 8/8

TM 4/8

Х

Х

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

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
SI01	559	Agency Qualifier Code	Μ	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
		Code from an industry code list qualifying the type of service characteristics	vice	
		IR Transaction Activity		
SI03	234	Product/Service ID	Μ	AN 1/48
		Identifying number for a product or service		
		TXACT (RLDQ-5) =Transaction Activity		
SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
		Code from an industry code list qualifying the type of service characteristics	vice	
		IQ Inquiry Type		
SI05	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		TXTYP (RLDQ-4) = Transaction Type		
	Des. Attributes SI01 SI02 SI03 SI04	Des. AttributesElementSI01559SI021000SI03234SI041000	Des. Attributes Element Name SI01 559 Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry SI02 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics Transaction Activity SI03 234 Product/Service ID Identifying number for a product or service TXACT (RLDQ-5) =Transaction Activity SI04 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics Identifying number for a product or service SI04 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics Identifying number for a product or service SI05 234 Product/Service ID Identifying number for a product or service	Des. AttributesElementNameSl01559Agency Qualifier CodeM559Agency Qualifier CodeMCode identifying the agency assigning the code valuesTiTelecommunications IndustrySl021000Service Characteristics QualifierMCode from an industry code list qualifying the type of service characteristicsIRTransaction ActivitySl03234Product/Service IDMIdentifying number for a product or serviceTXACT (RLDQ-5) =Transaction ActivityMSl041000Service Characteristics QualifierXCode from an industry code list qualifying the type of service characteristicsIdentifying number for a product or serviceMSl041000Service Characteristics QualifierXCode from an industry code list qualifying the type of service characteristicsIquiny TypeXSl05234Product/Service IDXIdentifying number for a product or serviceX

Segment:	N1 Name
Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*78*CCNA (RLDQ-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	Μ	ID 2/3
		Code identifying an individual 78	g an organizational entity, a physical loca Service Requester	ition,	property or
N102	93	Name		Х	AN 1/60
		Free-form name	e		
		CCNA (RLDQ-1	1) = Customer Carrier Name Abbreviation		

Segment:	PO1 Baseline Item Data - TN, Address Query Section
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.

PO1*n*1*EA***ZZ*TNADDRCKTIND (RLDQ-6)

Notes:

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
PO101	350	Assigned Identification	Ο	AN 1/20
		Alphanumeric characters assigned for differentiation withi set	n a t	ransaction
		"n" = nth assigned ID within PO1 Loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	Ο	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	ssed,	or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		TNADDRCKTIND (RLDQ-6) = Telephone Number, Addres Indicator	s, C	ircuit

Segment:	PID	Product/Item Description		
Position:		r roduciniem Description		
Loop:	0500 PID Optional			
Level:	Detail	optional		
Usage:	Optional			
Max Use:	1			
Purpose:		ibe a product or process in coded or free-form format		
Syntax Notes:		D04 is present, then PID03 is required.		
		ast one of PID04 or PID05 is required.		
		D07 is present, then PID03 is required. D08 is present, then PID04 is required.		
		Dog is present, then PID04 is required.		
Semantic Notes:		PID03 to indicate the organization that publishes the code	list	
		g referred to.		
		04 should be used for industry-specific product description		
	code			
		08 describes the physical characteristics of the product ide D04. A "Y" indicates that the specified attribute applies to		
		; an "N" indicates it does not apply. Any other value is	uns	
		terminate.		
		09 is used to identify the language being used in PID05.		
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th		
		04 is used. If PID01 equals "X", then both PID04 and PID05	are	
	usec 2 Use		vor	
		PID06 when necessary to refer to the product surface or la g described in the segment.	yer	
		7 specifies the individual code list of the agency specified	in	
	PIDO			
Notes:	PID*S**T	T*ASGNIND*ASGNIND (RLDQ-6a)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
I PID01	349	Item Description Type	Μ	ID 1/1
		Code indicating the format of a description		
		S Structured (From Industry Code List)		
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	Product Description Code	Х	AN 1/12
		A code from an industry code list which provides specific	data	about a
		product characteristic		
		ASGNIND Assignment Indicator		
PID05	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elements content	s and	d their
		ASGNIND (RLDQ-6a) = Assignment Indicator		

Μ

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
	Data Element Summary

Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
N101	98	Entity Identifier Co	de	М	ID 2/3
		Code identifying an o an individual	organizational entity, a physical loca	tion,	property or
		IT li	nstallation on Site		
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.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (RLDQ-24)*ZIP (RLDQ-25)**RJ*CALA (RLDQ-26)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	
N//02	156 State or Province Code X ID 2/2

N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by approp agency	oriate gov	rernment
		STATE (RLDQ-24) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excludir blanks (zip code for United States)	ng punctu	ation and
		ZIP (RLDQ-25) = ZIP/Postal Code		
N405	309	Location Qualifier	Х	ID 1/2
		Code identifying type of location		
		RJ Region		
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		
		CALA (RLDQ-26) = Customer Address Location Area	a	

NX2 Location ID Component Segment: Position: 3850 Optional Loop: N1 . Level: Detail Optional Usage: Max Use: >1 Purpose:

To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments: Notes:

Μ

NX2*01*SANO (RLDQ-11)
NX2*02*SASN (RLDQ-14)
NX2*03*SASD (RLDQ-13)
NX2*05*BOX (RLDQ-22)
NX2*06*ROUTE (RLDQ-21)
NX2*07*CITY (RLDQ-23)
NX2*39*AHN (RLDQ-20)
NX2*40*SASS (RLDQ-16)
NX2*59*SAPR (RLDQ-10)
NX2*61*SASF (RLDQ-12)
NX2*62*SATH (RLDQ-15)
NX2*LD1 (RLDQ-16a)*LV1 (RLDQ-16b)
NX2*LD2 (RLDQ-16c)*LV2 (RLDQ-16d)
NX2*LD3 (RLDQ-16e)*LV3 (RLDQ-16f)

Data Element Summary

		Data Element	bullinary		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compon	ent Qualifier	Μ	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (RLDQ-16a) = Location Designator 1 13=(DWS : APT) 34=(DWS : LOT) 35=(DWS : RM) 36=(DWS : SLIP) 37=(DWS : UNIT) 14=(DWS : SUIT) LD2 (RLDQ-16c) = Location Designator 2 32=(DWS : FLR) LD3 (RLDQ-16e) = Location Designator 3 12=(DWS : BLDG) 63=(DWS : WNG)			
		30=(DWS : PIER	,		
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		
		12	Building Name		

	13	Apartment Number
	14	Suite Number
	30	Pier
		The pier at which a ship or boat is docked
	32	Floor
		A particular floor or level of a building
	34	Lot
		A particular lot or piece of land
	35	Room
		A walled room or partitioned area of a building
	36	Slip
		The slip or location on a pier at which a ship or 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 Informat	ion M AN 1/55
	Address information	
		= Service Address Number
		= Service Address Street Name
	BOX (RLDQ-13) =	= Service Address Street Directional Prefix
	ROUTE (RLDQ-21)	
	CITY (RLDQ-23) =	
		Assigned House Number
		= Service Address Street Directional Suffix
		= Service Address Number Prefix = Service Address Number Suffix
		= Service Address Street Type
	LV1 (RLDQ-16b) =	
	LV2 (RLDQ-16d) =	Location Value 2
	LV3 (RLDQ-16f) =	Location Value 3

М

NX202

Updated: March 11, 2002

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:	 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*AF*AFT (RLDQ-9a)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	<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 service characteristics	vice	
			AF Address Format Type		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			AFT (RLDQ-9a) = Address Format Type		

Segment:	SLN	Subline Item Detail
Position:	4700	
Loop:	SLN	Optional
Level:	Detail	Optional
Usage:	Optional	
Max Use:	1	
Purpose:	To speci	fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
		N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
		her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required.
		her SLN15 or SLN16 is present, then the other is required.
		her SLN17 or SLN18 is present, then the other is required.
		her SLN19 or SLN20 is present, then the other is required.
		her SLN21 or SLN22 is present, then the other is required.
	11 If eit	her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
• · · · · ·		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
		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
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,
Notes:		No., Model No., or SKU. NQ*n*A*1*EA [SLN Loop repeats WTNQ (RLDQ-7) times]
NOICS.		
		Data Element Summary
Ref.	Data	
	Element	Name
<u>Attributes</u>		
I SLN01	350	Assigned Identification M AN 1/
		Alphanumeric characters assigned for differentiation within a transact
		set
		"WTNQ"
SLN02	350	Assigned Identification O AN 1/
		Alphanumeric characters assigned for differentiation within a transact
		set
		"n" = nth assigned ID within SLN loop

Μ

	Attributes				
М	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation with set	nin a t	ransaction
			"WTNQ"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with set	nin a t	ransaction
			"n" = nth assigned ID within SLN loop		
Μ	SLN03	662	Relationship Code	Μ	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Updated:	March 11, 2002		vest Communications International, Inc. DI Disclosure Document – Version 9.0		28

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
	000404	055	To identify a composite unit of measure (See Fig examples of use)	
Μ	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is bein manner in which a measurement has been taken EA Each	.

Segment:	QTY Quantity
Position:	5290
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*02*WTNNUM (RLDQ-8)*EA
	Data Element Summary
Pof	Data

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	Attributes				
Μ	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			02 Cumulative Quan	itity	
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			WTNNUM (RLDQ-8) = Number of Wo	orking Telephone Number	S
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measu examples of use)	are (See Figures Append	ix for
Μ	C00101	355	Unit or Basis for Measurement Co	de M	ID 2/2
			Code specifying the units in which a manner in which a measurement has EA Each	3 1	, or

Segment:	SI Service Characteristic Identification
Position:	5300
Loop:	QTY 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:	 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*WT*WTN (RLDQ-9)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<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 service characteristics	/ice	
			WT Working Telephone Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			WTN (RLDQ-9) = Working Telephone Number		

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

Total number of line items in the transaction set

Μ

Se	gment:	SE 1	ransaction Set Trailer					
Pe	osition: Loop:	0300						
	Level:	Summar	V					
	Usage:	Mandato						
	ax Use:	1						
Ρι	urpose:		To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE)					
Syntax	Notes:	Ū	,					
Semantic								
Com	ments:	1 SE i	s the last segment of each transaction set.					
	Notes:	SE*No o	f Segments*TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
<u>A</u>	<u>ttributes</u>							
Μ	SE01	96	Number of Included Segments	М	N0 1/10			
			Total number of segments included in a transaction set included and SE segments	ludi	ng ST			
М	SE02	329	Transaction Set Control Number	Μ	AN 4/9			
			Identifying control number that must be unique within the t functional group assigned by the originator for a transaction					

13.6.2 855 Raw Loop Data Response (855RLDR)

Functional Group ID=PR

Introduction:

The 855RLDR will be used by Qwest to respond to a Raw Loop Data Query from a Co-Provider.

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

Notes:

This 855 Transaction includes the mapping for Raw Loop Data Response.

Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>RepeatComments</u>
М	0100	ST	Transaction Set Header	М	1	
М	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	М	1	
	0500	REF	Reference Identification	0	>1	
	0950	PAM	Period Amount	0	10	
	1500	DTM	Date/Time Reference	0	10	
	1850	SI	Service Characteristic Identification	0	>1	
			LOOP ID - N1			200
	3000	N1	Name	0	1	

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>RepeatComments</u>	
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - BAD	0	1	n1	
		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	
		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		
3020	SI	Service Characteristic Identification	0	>1		
		Loop ID - N1		_	200	

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

3700	N1	Name	0	1		1
4000	N4		0	1		
		Geographic Location	-	1		
4050	NX2	Location ID Component	0	>1		
4250	SI	Service Characteristic Identification	0	>1		
4750	QTY	Quantity	0	>1		
		LOOP ID - SLN			1000	
4900	SLN	Subline Item Detail	0	1		
5000	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			1000	
4900	SLN	Subline Item Detail	0	1		
5000	SI	Service Characteristic Identification	0	>1		
5100	PID	Product/Item Description	0	1000		
		LOOP ID - QTY			>1	
5590	QTY	Quantity	0	1		
5610	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	0	1		
5650	MTX	Text	0	>1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	0	1		
5650	MTX	Text	0	>1		

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop Notes and <u>RepeatComments</u>
			LOOP ID - CTT			1
	0100	CTT	Transaction Totals	0	1	n3
Μ	0300	SE	Transaction Set Trailer	М	1	

Transaction Set Notes

- **1.** PO102 is required.
- 2. PO102 is required.
- **3.** 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 1	ransaction Set Header					
Position: Loop:	0100						
Level:	Heading						
Usage:	Mandato	ry					
Max Use:	1						
Purpose: Syntax Notes:	To indica	ate the start of a transaction set and to assign a control n	umbe	r			
Semantic Notes:	routi	routines of the interchange partners to select the appropriate					
	Set)	saction set definition (e.g., 810 selects the Invoice Transa	cuon				
		implementation convention reference (ST03) is used by th	e				
		slation routines of the interchange partners to select the					
		opriate implementation convention to match the transaction	on se	t			
	defir	ition.					
Comments: Notes:	ST*855*	TRAN SET CONTROL #					
		Data Element Summary					
Ref.	Data	Al constant					
Des.	<u>Element</u>	Name					
M ST01	143	Transaction Set Identifier Code	м	ID 3/3			
	145	Code uniquely identifying a Transaction Set	141	10 5/5			
		855 Purchase Order Acknowledgment					
M ST02	329	Transaction Set Control Number	Μ	AN 4/9			
		Identifying control number that must be unique within the functional group assigned by the originator for a transact					

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: nantic Notes: Comments: Notes:	 BAK Beginning Segment for Purchase Order Acknowledgment O200 Heading Mandatory 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. 			
			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	-		
Μ	BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	М	ID 2/2
М	BAK02	587	11 Response Acknowledgment Type	М	ID 2/2
			Code specifying the type of acknowledgmentATAccepted		
М	BAK03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser TXNUM (RLDR-2) = Transaction Number	М	AN 1/22
Μ	BAK04	373	Date Expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner A Information)	M cces	DT 8/8

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	 0500 Heading Optional >1 To specify identifying information 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. a REF04 contains data relating to the value cited in REF02. 				
Notes:	REF*ACC*RESPONSE (RLDR-6)*RESPONSE				
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>			
REF01	128	Reference Identification Qualifier	М	ID 2/3	
		Code qualifying the Reference IdentificationACCStatus			
REF02	127	Reference Identification Reference information as defined for a particular Transact specified by the Reference Identification Qualifier RESPONSE (RLDR-6) = Response	X tion S	AN 1/30 Set or as	
		· / I			

A free-form description to clarify the related data elements and their

м

REF03

352

Description

content "RESPONSE" Х

AN 1/80

Segment:	PAM Period Amount				
Position:	0950				
Loop:					
Level:	Heading				
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*02*ECCKTQ (RLDR-7)*EA				

Data Element Summary

Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
PAM01	673	Quantity Qualifier	Х	ID 2/2
		Code specifying the type of quantity		
		02 Cumulative Quantity		
PAM02	380	Quantity	Х	R 1/15
		Numeric value of quantity		
		ECCKTQ (RLDR-7) = Circuit Quantity		
PAM03	C001	Composite Unit of Measure	Х	
		To identify a composite unit of measure (See Figures a examples of use)	Append	lix for
C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	ressed,	, or

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	 DTM Date/Time Reference 1500 Heading Optional 10 To specify pertinent dates and times 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. 				
Notes:	DTM*097	7*D/TSENT{CCYYMMDD}(RLDR-3)*D/TSENT{HHMM}(RLDF	२-3)		
Ref.	Data	Data Element Summary			
Des.	<u>Element</u>	Name			
Attributes DTM01	374	Date/Time Qualifier	М	ID 3/3	
		Code specifying type of date or time, or both date and time 097 Transaction Creation	Ð		
DTM02	373		X	DT 8/8	
		Date expressed as CCYYMMDD D/TSENT (RLDR-3) = Date Sent			

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD =

М

DTM03

337

Time

hundredths (00-99)

D/TSENT (RLDR-3) = Time Sent

Х

TM 4/8

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

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
SI01	559	Agency Qualifier Code	Μ	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
		Code from an industry code list qualifying the type of serv characteristics	ice	
		IR Transaction Activity		
SI03	234	Product/Service ID	Μ	AN 1/48
		Identifying number for a product or service		
		TXACT(RLDR-5) = Transaction Activity		
SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
		Code from an industry code list qualifying the type of serv characteristics	rice	
		IQ Inquiry Type		
SI05	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		TXTYP (RLDR-4) = Transaction Type		
	Des. Attributes SI01 SI02 SI03 SI04	Des. AttributesElementSI01559SI021000SI03234SI041000	Des. Attributes Element Name SI01 559 Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry SI02 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics Transaction Activity SI03 234 Product/Service ID Identifying number for a product or service TXACT(RLDR-5) =Transaction Activity SI04 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics Transaction Activity SI04 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics Inquiry Type SI05 234 Product/Service ID Identifying number for a product or service	Des. AttributesElementNameSI01559Agency Qualifier CodeM559Agency Qualifier CodeMCode identifying the agency assigning the code valuesTiTITelecommunications IndustrySI021000Service Characteristics QualifierSI021000Service Characteristics Qualifying the type of service characteristicsIRTransaction ActivitySI03234Product/Service IDIdentifying number for a product or service Identifying number for a product or serviceSI041000SI05234Product/Service IDIQInquiry TypeSI05234Product/Service IDIdentifying number for a product or serviceIQInquiry TypeSI05234Product/Service IDIdentifying number for a product or serviceIQInquiry TypeSI05234Product/Service IDIdentifying 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 (RLDR-1)

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	М	ID 2/3
		Code identifyin an individual 78	ng an organizational entity, a physical loca Service Requester	ation,	property or
N102	93	Name Free-form name	e	Х	AN 1/60
		CCNA (RLDR-	1) = Customer Carrier Name Abbreviation		

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:	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:

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

PO1*n*1*EA***ZZ*BAD [PO1 Loop will be used if RESPONSE (RLDR-6) = 'B']

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 (RLDR-37)*EA
	Data Element Summary
Ref.	Data
Des.	Element Name

М	Attributes QTY01	673	Quantity Qua Code specifyir	l ifier ng the type of quantity	М	ID 2/2
			03	Discreet Quantity - Rejected Materia	I	
	QTY02	380	Quantity		Х	R 1/15
			Numeric value	of quantity		
			ERRNUM (RLI	DR-37) = Number of Errors		
	QTY03	C001	Composite U	nit of Measure	0	
			To identify a contract of use	omposite unit of measure (See Figures Ap se)	openo	lix for
М	C00101	355	Unit or Basis	for Measurement Code	М	ID 2/2
				ng the units in which a value is being expre ch a measurement has been taken Each	essed	, or

	NO						
Segment:	N9 F	Reference Identification					
Position:	3500						
Loop:		Optional					
Level:	Detail						
Usage:	Optional						
Max Use:	1 Ta transi	mit identify in a information of an addited by the Deference					
Purpose:		mit identifying information as specified by the Reference ation Qualifier					
Syntax Notes:		east one of N902 or N903 is required.					
Symax Notes.	206 is present, then N905 is required.						
	 2 If N906 is present, then N905 is required. 3 If either C04003 or C04004 is present, then the other is required. 						
		her C04005 or C04006 is present, then the other is requir					
Semantic Notes:	1 N906 reflects the time zone which the time reflects.						
	2 N90 ⁻	7 contains data relating to the value cited in N902.					
Comments:		-					
Notes:	N9*1Q*E	RRCODE (RLDR-38)*ERR [N9 Loop repeats ERRNU	JM (R	_DR-37)			
	times]						
		Data Element Summary					
Ref.	Data	-					
Des.	Element	<u>Name</u>					
<u>Attributes</u>				_			
N901	128	Reference Identification Qualifier	Μ	ID 2/3			
		Code qualifying the Reference Identification					
		1Q Error Identification Code					
		Qualifies a single number that descr found in application-level data	ibes a	n error			
N902	127	Reference Identification	Х	AN 1/30			
		Defense a information of defined for a method on Transa					
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction S	Set or as			
		specified by the Reference Identification Qualifier	ction S	Set or as			
N903	369	specified by the Reference Identification Qualifier ERRCODE (RLDR-38) = Error Code					
N903	369	specified by the Reference Identification Qualifier ERRCODE (RLDR-38) = Error Code Free-form Description	x x	Set or as AN 1/45			
N903	369	specified by the Reference Identification Qualifier ERRCODE (RLDR-38) = Error Code					

Updated: March 11, 2002

М

Segment:	MTX Text	
Position:	3600	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required. 	
Notes:	MTX**ERRMESG (RLDR-39)	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	
<u>Attributes</u> MTX02		N 1/4096

To transmit large volumes of message text ERRMESG (RLDR-39) = 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:	 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*RAWLOOP [PO1 Loop will be used if RESPONSE (RLDR-6)
	= 'G'] [PO1 Loop repeats ECCKTQ (RLDR-7) times]

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

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*02*ECCKTNUM (RLDR-8)*EA

Data Element Summary Ref. Data Des. Element Name <u>Attributes</u> QTY01 Μ 673 **Quantity Qualifier** Μ ID 2/2 Code specifying the type of quantity 02 Cumulative Quantity **QTY02** 380 Quantity Х R 1/15 Numeric value of quantity ECCKTNUM (RLDR-8) = Number of ECCKTS **QTY03** C001 **Composite Unit of Measure** 0 To identify a composite unit of measure (See Figures Appendix for examples of use) Μ C00101 355 M ID 2/2 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ΕA Each

Segment:	SI Service Characteristic Identification
Position:	3020
Loop:	QTY 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 gualifiers.
Notes	
Notes:	SI*TI*CN*ECCKT (RLDR-8a)*99*ECCKT (RLDR-8a) SI*TI*WT*WTN (RLDR-9)

			Data Element			
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
			Code identifying the	he agency assigning the code values		
			ТІ	Telecommunications Industry		
Μ	SI02	1000	Service Charact	eristics Qualifier	Μ	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of serv	ice	
			CN	Circuit Number Identification		
			WT	Working Telephone Number		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			ECCKT (PLDP-8-) Evolution Company Circuit ID		
				i) = Exchange Company Circuit ID Working Telephone Number		
	SI04	1000	WTN (RLDR-9) =		X	AN 2/2
	SI04	1000	WTN (RLDR-9) = Service Charact Code from an inducharacteristics	Working Telephone Number eristics Qualifier ustry code list qualifying the type of serv		AN 2/2
	SI04	1000	WTN (RLDR-9) = Service Character Code from an inde	Working Telephone Number eristics Qualifier		AN 2/2
	SI04 SI05	1000 234	WTN (RLDR-9) = Service Charact Code from an inducharacteristics	Working Telephone Number eristics Qualifier ustry code list qualifying the type of serv Continuation Code		AN 2/2 AN 1/48
			WTN (RLDR-9) = Service Charact Code from an inde characteristics 99 Product/Service	Working Telephone Number eristics Qualifier ustry code list qualifying the type of serv Continuation Code	ice	
			WTN (RLDR-9) = Service Charact Code from an inducharacteristics 99 Product/Service Identifying number	Working Telephone Number eristics Qualifier ustry code list qualifying the type of serv Continuation Code ID	ice	

Segment:	N1 Name
Position:	3700
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
	Data Element Summary

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

Segment:	N4 a	Geographic Location				
Position:	4000					
Loop:	N1	Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To speci	fy the geographic place of the named party				
Syntax Notes:	1 Only one of N402 or N407 may be present.					
•	2 If N4	06 is present, then N405 is required.				
	3 If N4	07 is present, then N404 is required.				
Semantic Notes:						
Comments:	1 A combination of either N401 through N404, or N405 and N406 may					
		dequate to specify a location.				
		2 is required only if city name (N401) is in the U.S. or Canada	Э.			
Notes:		TE (RLDR-23)*ZIP (RLDR-24)				
		Data Element Summary				
Ref.	Data					
Des.	Element	Name				
Attributes						
N402	156	State or Province Code X	ID 2/2			
		Code (Standard State/Province) as defined by appropriate g	overnment			
		agency	svorinnorit			
		STATE (RLDR-23) = State/Province				
N1400	440	· · ·				
N403	116	Postal Code C				
		Code defining international postal zone code excluding pund blanks (zip code for United States)	tuation and			
		ZIP (RLDR-24) = ZIP/Postal Code				

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	4050 N1 Detail Optional >1	Location ID Cor Optional types and values of	mponent of a geographic location		
Notes:	NX2*02* NX2*03* NX2*07*0 NX2*40* NX2*59* NX2*61* NX2*62* NX2*LD1 NX2*LD1	SANO (RLDR-11) SASN (RLDR-14) SASD (RLDR-13) CITY (RLDR-22) SASS (RLDR-16) SAPR (RLDR-10) SASF (RLDR-10) SASF (RLDR-15) (RLDR-16a)*LV1 ((RLDR-16c)*LV2 ((RLDR-16e)*LV3 (RLDR-16d)		
		Data Element	Summary		
Ref.	Data Element	Namo	-		
<u>Des.</u> Attributes	<u>Element</u>	Name			
M NX201	1106	Address Compo		М	ID 2/2
			e type of address component		
		LD1 (RLDR-16a) = 13=(DWS : APT 34=(DWS : LOT 35=(DWS : RM) 36=(DWS : SLII 37=(DWS : UNI ⁻ 14=(DWS : SUI ⁻)) P) T)		
		LD2 (RLDR-16c) = 32=(DWS : FLR	= Location Designator 2		
		LD3 (RLDR-16e) = 12=(DWS : BLD 63=(DWS : WN 30=(DWS : PIE	G		
		30=(DW3.FIE	•		
		01	Street Number		
		01 02	Street Number Street Name		
		01 02 03	Street Number Street Name Prefix Direction		
		01 02 03 07	Street Number Street Name Prefix Direction City Name		
		01 02 03	Street Number Street Name Prefix Direction City Name Building Name		
		01 02 03 07 12	Street Number Street Name Prefix Direction City Name		
		01 02 03 07 12 13	Street Number Street Name Prefix Direction City Name Building Name Apartment Number		

	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
	37	The slip or location on a pier at which a ship or boat is docked Unit
		A unit or separate structure
	40	Street Suffix
	59	Street Number Low
	61	Street Number Fraction
	62	Street Name Suffix
	63	Secondary Unit Identifier
;	Address Informa	tion M AN 1/55
	Address information	on
		 Service Address Number Service Address Street Name
	· · · ·	= Service Address Street Directional Prefix
	CITY (RLDR-22) =	
	, , ,	= Service Address Street Directional Suffix
		= Service Address Number Prefix
	SASF (RLDR-12)	= Service Address Number Suffix

SATH (RLDR-15) = Service Address Street Type

LV1 (RLDR-16b) = Location Value 1

LV2 (RLDR-16d) = Location Value 2 LV3 (RLDR-16f) = Location Value 3

Μ

NX202

166

Segment:	SI Service Characteristic Identification
Position:	4250
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*LO*WCCLLI (RLDR-25)
	SI*TI*MF*MLTDIST (RLDR-26)

			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 the	ne agency assigning the code values		
			ТІ	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of sen	vice	
			LO	Local Exchange Carrier Serving Offic	е	
			MF	MLT Distance		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			WCCLLI (RLDR-2	5) = Wire Center CLLI		
			MLTDIST (RLDR-2	26) = MLT Distance		

Segment:	QTY Quantity
Position:	4750
Loop:	N1 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*02*SEGMENTQTY (RLDR-27)*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		
			02 Cumulative Quantity		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			SEGMENTQTY (RLDR-27) = Segment Quantity		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed,	, or

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4900 SLN Detail Optional 1	Subline Item Detail Optional	
Purpose: Syntax Notes:	To specif 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith 10 If eith 11 If eith 12 If eith 13 If SL 4 If eith 5 If eith 5 If eith 6 If eith 7	y product subline detail item data 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 SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required.	
Semantic Notes:	1 SLN 2 SLN level 3 SLN subli 4 SLN	her SLN27 or SLN28 is present, then the other is required. O1 is the identifying number for the subline item. O2 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials. O3 is the configuration code indicating the relationship of the ne item to the baseline item. O8 is a code indicating the relationship of the price or amount to	
Comments:	 See SLN item to re SLN for e 	Issociated segment. the Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the baseline number. Example: 1.1 or 1A might be used as a subline number ate to baseline number 1. D9 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No., I No., Model No., or SKU.	
Notes:		DPSTAT*n*A*1*EA	
Ref.	Data	Data Element Summary	
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>	
I SLN01	350	Assigned Identification M AN 1/2 Alphanumeric characters assigned for differentiation within a transactive set	
SLN02	350	"LOOPSTAT" Assigned Identification O AN 1/2 Alphanumeric characters assigned for differentiation within a transaction set "n" = nth assigned ID within SLN loop	
I SLN03	662	Relationship CodeMID 1/1Code indicating the relationship between entities	
SLN04	380	A Add Quantity X R 1/15	5

Numeric value of quantity

Μ

Μ

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

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
М	C00101	355	To identify a composite unit of measure (See Figur examples of use) Unit or Basis for Measurement Code	es Appendix for M ID 2/2
	00101	555	Code specifying the units in which a value is being manner in which a measurement has been taken EA Each	

Segment:	SI Service Characteristic Identification
Position:	5000
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*L2*LOOPSTAT (RLDR-26a)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<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 set characteristics	vice	
			L2 Loop Status		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			LOOPSTAT (RLDR-26a) = Loop Status		

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4900 SLN Detail Optional 1	Subline Item Detail Optional	
Purpose: Syntax Notes:	To specif 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith 10 If eith 11 If eith 12 If eith 12 If eith 13 If SL 4 If eith 5 If eith 5 If eith 5 If eith 6 If eith 7	ify product subline detail item data 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 SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:	1 SLN 2 SLN level 3 SLN subli 4 SLN	 101 is the identifying number for the subline item. 102 is the identifying number for the subline level. The subline 1 is analogous to the level code used in a bill of materials. 103 is the configuration code indicating the relationship of the ine item to the baseline item. 108 is a code indicating the relationship of the price or amount to associated segment. 	
Comments:	 See SLN item to re SLN for e 	the Data Element Dictionary for a complete list of IDs. 101 is related to (but not necessarily equivalent to) the baseline number. Example: 1.1 or 1A might be used as a subline number elate to baseline number 1. 109 through SLN28 provide for ten different product/service IDs each item. For example: Case, Color, Drawing No., U.P.C. No., N No., Model No., or SKU.	
Notes:		GMENT*n*A*1*EA [SLN Loop repeats SEGMENTQTY (RLDR-	·27)
Ref.	Data	Data Element Summary	
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name	
M SLN01	350	Alphanumeric characters assigned for differentiation within a transet	AN 1/20 nsaction
SLN02	350	"SEGMENT" Assigned Identification O	AN 1/20
		Alphanumeric characters assigned for differentiation within a transet "n" = nth assigned ID within SLN loop	
M SLN03	662		D 1/1
		Code indicating the relationship between entities A Add	
SLN04	380	Quantity X F	R 1/15

Updated: March 11, 2002	Qwest Communications International, Inc.	59
	EDI Disclosure Document – Version 9.0	

Μ

			Numeric value of quantity 1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
м	C00101	355	To identify a composite unit of measure (See Figur examples of use) Unit or Basis for Measurement Code	es Appenc M	lix for
141	00101	000	Code specifying the units in which a value is being manner in which a measurement has been taken EA Each		

Segment:	SI Service Characteristic Identification
Position:	5000
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*CT*SEGMENTNUM (RLDR-28)
	SI*TI*K2*CABLE_NAME (RLDR-32)
	SI*TI*GT*PAIR_GAIN_TYPE (RLDR-33)
	SI*TI*K6*PAIR_NUMBER (RLDR-34)

				ment Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qu	alifier Code	Μ	ID 2/2
			Code identif	fying the agency assigning the code values		
			ТІ	Telecommunications Industry		
М	SI02	1000	Service Ch	aracteristics Qualifier	Μ	AN 2/2
			Code from a characterist	an industry code list qualifying the type of servitics	/ice	
			СТ	Common Language Segment Numbe	r	
			GT	Gain Type		
			K2	Cable Identification		
			K6	Channel/Pair		
М	SI03	234	Product/Se	ervice ID	М	AN 1/48
			Identifying n	umber for a product or service		
			CABLE_NA PAIR_GAIN	NUM(RLDR-28) = Segment Number ME (RLDR-32) = Cable Name _TYPE (RLDR-33) = Pair Gain Type BER (RLDR-34) = Pair Number		

Cogmonte	ΡΙΠ	Product/Item Description		
Segment:		Productiment Description		
Position: Loop:	5100 SLN	Optional		
Level:	Detail	Optional		
Usage:	Optional			
Max Use:	1000			
Purpose:	To desci	ibe a product or process in coded or free-form format		
Syntax Notes:		D04 is present, then PID03 is required.		
		ast one of PID04 or PID05 is required.		
		D07 is present, then PID03 is required.		
		D08 is present, then PID04 is required. D09 is present, then PID05 is required.		
Semantic Notes:		PID03 to indicate the organization that publishes the code	e list	
		g referred to.	, not	
		04 should be used for industry-specific product description		
	code			
		08 describes the physical characteristics of the product ide		ed
		D04. A "Y" indicates that the specified attribute applies to	this	
		; an "N" indicates it does not apply. Any other value is		
		terminate.		
Comments:		09 is used to identify the language being used in PID05. D01 equals "F", then PID05 is used. If PID01 equals "S", tl	hen	
Commonto.		04 is used. If PID01 equals "X", then both PID04 and PID05		
	used			
	2 Use	PID06 when necessary to refer to the product surface or la	ayer	
		g described in the segment.		
		07 specifies the individual code list of the agency specified	in	
Netaa	PID(
Notes:		I*LCT*LCT (RLDR-36) I*TID*TERMINAL_ID (RLDR-29)		
	Data Ele	ement Summary		
Ref.	Data	······,		
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
M PID01	349	Item Description Type	М	ID 1/1
		Code indicating the format of a description		
		S Structured (From Industry Code List)		
		X Semi-structured (Code and Text)		
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	Product Description Code	Х	AN 1/12
		A code from an industry code list which provides specific	data	about a
		product characteristic		
		LCT Load Coil Type		
		TID Terminal ID		
PID05	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element	s and	their
		content		
		TERMINAL_ID (RLDR-29) = Terminal ID		
		LCT (RLDR-36) = Load Coil Type		
Updated: March 11, 2002		est Communications International, Inc.		62

Segment:	QTY Quantity
Position:	5590
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*TO*LOADPTAMT (RLDR-35)*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		
			TO Total		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			LOADPTAMT (RLDR-35) = Load Points Amount		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed,	or

Segment:	SI Service Characteristic Identification
Position:	5610
Loop:	QTY 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 [*] QT*LCQ

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifi	er Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charac	teristics Qualifier	М	AN 2/2
			Code from an in characteristics	dustry code list qualifying the type of ser	vice	
			QT	Quantity Qualifier		
М	SI03	234	Product/Servic	e ID	Μ	AN 1/48
			Identifying numb	er for a product or service		
			LCQ	Load Coil Quantity		

Segment:	N9 Reference Identification
Position:	5630
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*BRIDGE
	Data Element Summary
Ref.	Data
<u>Des.</u>	Element Name

<u>Attribut</u>	<u>es</u>			
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular specified by the Reference Identification Qualifier ORI Order Instructions		Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"BRIDGE"		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Detail Optional >1 To speci 1 If M ⁻ 2 If M ⁻ 3 If M ⁻ 1 MTX 1 If M ⁻	Text Optional fy textual data TX01 is present, then MTX02 is required. TX03 is present, then MTX02 is required. TX05 is present, then MTX04 is required. 005 is the number of lines to advance before printing. TX04 is "AA - Advance the specific number of lines before MTX05 is required.	print"	' ,
Notes:	MTX**B	RIDGE_TAP_OFFSET_DESC (RLDR-30)		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		
		BRIDGE_TAP_OFFSET_DESC (RLDR-30) = Bridge Tap Description	Offse	et

Updated: March 11, 2002

Segment:	N9 Reference Identification
Position:	5630
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	-
Notes:	N9*H7*ORI*MAKE UP DESC
	Data Element Summary

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N901	128	Reference le	dentification Qualifier	М	ID 2/3
		Code qualifyi	ng the Reference Identification		
		H7	Standard Clause		
N902	127	Reference le	dentification	Х	AN 1/30
			formation as defined for a particular Transa the Reference Identification Qualifier Order Instructions	action \$	Set or as
N903	369	Free-form D	escription	Х	AN 1/45
		Free-form de	scriptive text		
		"MAKE UP D	DESC"		

Segment:	MTX	Text						
Position:	5650							
Loop:	N9 Optional							
Level:	Detail							
Usage:	Optional							
Max Use:	>1							
Purpose:	To specify textual data							
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.							
	2 If M7	X03 is present, then MTX02 is required.						
	3 If M7	X05 is present, then MTX04 is required.						
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.							
Comments:		X04 is "AA - Advance the specific number of lines before prin MTX05 is required.	t",					
Notes:	MTX**MAKE_UP_DESC (RLDR-31)							
		Data Element Summary						
Ref.	Data							
Des.	<u>Element</u>	Name						
<u>Attributes</u>								
MTX02	1551	Message Text X	AN 1/4096					

To transmit large volumes of message text

MAKE_UP_DESC (RLDR-31) = Make Up Description

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:	es: 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							
Des.	<u>Element</u> <u>Name</u>							
Attributes CTT01	354 Number of Line Items	N	N0 1/6					

Total number of line items in the transaction set

	Segment:	SE 1	Fransaction Set Trailer				
	Position: Loop:	0300					
	Level:	Summary					
	Usage:	Mandatory					
	Max Use:	1					
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)					
Syn	tax Notes:	0	,				
Semar	ntic Notes:						
C	comments:	1 SE is the last segment of each transaction set.					
	Notes:	SE*No of Segments*TRAN SET CONTROL #					
			Data Element Summary				
	Ref.	Data					
	Des.	Element	<u>Name</u>				
	<u>Attributes</u>						
Μ	SE01	96	Number of Included Segments N	1	N0 1/10		
			Total number of segments included in a transaction set incluand SE segments	Jding	g ST		
Μ	SE02	329	Transaction Set Control Number N		AN 4/9		
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					