Address Validation Transaction Cycle Table of Contents

4. AD	DRESS VALIDATION TRANSACTION CYCLE	2
4 1	BUSINESS DESCRIPTION	2
4.2	BUSINESS MODEL	3
4.3	Developer Worksheets	5
4.4	TRADING PARTNER ACCESS INFORMATION	6
4.4	.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information	6
4.4	.2 ISA TABLE INFORMATION	6
4.4	.3 GS TABLE INFORMATION	7
4.4	.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS	8
4.5	MAPPING EXAMPLES	9
4.5	1 850 ADDRESS VALIDATION QUERY (850AVQ) – Version 4020	9
4.5	2.2 855 ADDRESS VALIDATION RESPONSE (855AVR) – Version 4020	. 11
4.6	DATA DICTIONARY	.13
4.6	.1 850 Address Validation Query (850AVQ)	. 13
4.6	2.2 855 Address Validation Response (855AVR)	. 31

4. Address Validation Transaction Cycle

4.1 Business Description

A CLEC should request an address validation prior to submitting a service request. The address validation verifies the address entered by a CLEC is a valid address in the Qwest legacy systems. An address can be validated by entering either the TN or the Address. Qwest recommends searching by street address, because searches by telephone number do not retrieve addresses for Centrex service, other high-end products, or for addresses without existing service. Searches by telephone number may work for single dwellings or small businesses if customer has a working telephone number and if that number has been linked to the address for at least a few months. Whether searching by street address or telephone number, be sure that the address from Qwest's databases matches the address in your records.

If you search by telephone number, it's best to do so only for single dwellings or small businesses in which your customer has a working telephone number that has been associated with the address for at least a few months.

The response from an address validation query may come back as an Exact Match (includes switch information), an Exact Match with Supplemental Information (includes switch information), Near Match, Multiple Match, Multiple CALA, or Error depending on the information available.

If there is a one-to-one mapping between the address requested and the address in the Qwest legacy system, the response will depict the address obtained as an Exact Match.

An Exact Match with Supplemental Information indicates that the address is an Exact Match and has additional information associated with it. For example, if the address requested is the manager's apartment in an apartment complex, additional apartments in the complex will be indicated in the supplemental information section.

A Near Match occurs when a submitted address cannot be verified as an Exact Match in the Qwest legacy system data. If the address requested contains abbreviations that do not exactly match how the address is stored by Qwest (i.e. AVE vs AV), the address will be returned as a Near Match. (This is only applicable to requests by address.)

A Multiple Match occurs when the Qwest legacy system indicates that more than one address exists for the requested TN. (This is only applicable for requests by TN.)

For Near Match and Multiple Match, the Co-Provider is provided a list of potential matches. The response returned for a Multiple Match or a Near Match has only a limited amount of information to use to submit another request with exact data for an Exact Match.

A Multiple CALA response occurs when a zip code is used on the query and the zip code overlaps multiple Qwest CALA regions. When this occurs, the CALA Field must be used instead of the zip code on the address validation query.

An address that exists in the Street Address Guide (SAG) may not yet have loop facilities available (e.g., typically in a new development) or may have facilities not owned by Qwest. These types of addresses are known as "SAG only" addresses. A "SAG only" message appears when the address validation returns an exact match for an address that exists only in the Street Address Guide. If the address being validated is "SAG only," the due date for the order will exceed the normal timeframe due to the extent of facilities work required at the location.

4.2 Business Model

Address Validation

Address Validation provides a Co-Provider with the capability to utilize a known address or telephone number and validate an address at which service can be provisioned for the end user. The Address Validation transaction consists of two activities: Address Validation Query (AVQ) and Address Validation Response(AVR).



Address Validation

- 1. The Co-Provider submits an 850AVQ to validate an address. The Co-Provider will provide either a telephone number or an address for the attempted match.
- 2. An 855AVR (BAD) will be returned if:
 - the 850AVQ fails the IMA edits
 - no addresses can be returned from the OSS
 - the Address Validation query passes the IMA edits but encounters an error in the OSS

The 855AVR (BAD) will return one or more error messages. If the 850AVQ passes the IMA edits, the query will be sent to the Operation Support Systems (OSS). The System will respond with one of the following responses: EXACT, MULTIPLE, NEAR, MULT CALA or BAD

- 3. An 855AVR (EXACT) will be returned when an exact address match to the address or TN used in the 850AVQ is found..
- 4. An 855AVR (MULTIPLE) will be returned when multiple addresses are found for a given telephone number used in the 850AVQ.
- 5. An 855AVR (NEAR) will be returned when a near match to the address used in the 850AVQ is found.

6. An 855AVR (MULT CALA) will be returned when multiple CALAs exist for a zip code used in the 850AVQ address.

4.3 Developer Worksheets

See Appendix A - Developer Worksheets - PreOrder

4.4 Trading Partner Access Information

PRE-ORDER FUNCTION	PRODUCT ID
Address Validation Query	850AVQ
Address Validation Response	855AVR

4.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

Separate maps have been created for pre-ordering functions. 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 of application related transaction sets.

4.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

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

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

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

ISA07	'ZZ ' (Mutually Defined)	Co-Provider TP qualifier
ISA08	<i>'QWESTP'</i> (<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)	'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)

4.4.3 GS TABLE INFORMATION

ANSI X12 GS and GE segment definitions:

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

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

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

GS TABLE:

PRE ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Address Validation Query	Receive	850AVQ	PO	Co-provider TP ID	AV90
Address Validation Response	Send	855AVR	PR	AV90	Co-provider TP ID

4.4.4 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; however, Qwest 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

Composite Element

The appendix noted for any Composite Unit applies to the standard and not to Qwest documentation (i.e.,

See Figures Appendix for examples of use).

4.5 Mapping Examples

4.5.1 850 ADDRESS VALIDATION QUERY (850AVQ) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	PON
Superscript = Developer's Worksheet Ref # DWS used in this mapping example: AVQ = Address Validation Query AVR = Address Validation Response	AVR-2
<i>Italics</i> = Literal	GOOD
<u>Underline</u> = Apply code conversion, used	ACT
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 related data dictionary.	= Actual element separator in an EDI transaction.
> = Sub-Element Separator in this file and related Data Dictionary	Non-printable characters of "0x1f" = actual sub-element separator in an EDI Transaction.

ST*850*TRAN SET CONTROL NUMBER BEG*28*IN**TXNUM*^{AVQ-2}**PO Date (See Trading Partner Access Information) DTM*097**D*/TSENT(CCYYMMDD)^{AVQ-3}**D*/TSENT{HHMM}^{AVQ-3} SI*TI*IR**TXACT*^{AVQ-5}*IQ**TXTYP*^{AVQ-4} N1*78**CCNA*^{AVQ-1} N1*BY**25**CC*^{AVQ-7}

ADDRESS/WTN

PO1*n*1*EA***ZZ*SEARCHTYPAVQ-6 SI*TI*WT* WTNAQ-35 [SI Segment is present only if **SEARCHTYP**^{AVQ-6} is "T"] N1*IT*ADDRESS N2**LNAME*^{AVQ-29} **LNAME*^{AVQ-29} (Continued) [N2 Segment is present only if SEARCHTYP^{AVQ-6} is "A"] N4**STATE^{AVQ-32}*ZIP^{AVQ-33}**RJ*CALA^{AVQ-34} NX2*01***SANO**AVQ-11 NX2*02***SASN**AVQ-14 NX2*03***SASD**AVQ-13 NX2*05* **BOX**AVQ-28 NX2*06* ROUTE NX2*07* *CITY*AVQ-31 NX2*39***AHN**AVQ-26 NX2*40***SASS**^{AVQ-16} NX2*59***SAPR**AVQ-10 NX2*61***SASF**^{AVQ-12} NX2*62***SATH**AVQ-15 NX2*<u>LD1</u>^{AVQ-17}*LV1^{AVQ-18} NX2*<u>LD2</u>AVQ-19*LV2AVQ-20

NX2**LD3*^{AVQ-21}**LV3*^{AVQ-22} SI*TI*AF**AFT*^{AVQ-9}

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

4.5.2 855 ADDRESS VALIDATION RESPONSE (855AVR) – Version 4020

ST*855*TRAN SET CONTROL # BAK*11*AT***TXNUM**^{AVR-2}*PO Date (See Trading Partner Access Information) REF*ACC***ADDRES**^{AVR-7}*ADDRES PAM*87* NMNUM^{AVR-59}*EA PAM*OC* MCNUM^{AVR-91}*EA PAM*02* WTNQAVR-7a*EA DTM*097*D/TSENT{CCYYMMDD}^{AVR-3}*D/TSENT{HHMM}^{AVR-3} SI*TI*IR* TXACT^{AVR-5}*IQ*TXTYP N1*78* **CCNA**^{AVR-1} N1*BY**25* CCAVR-6

No Match or Error

PO1*n*1*EA***ZZ* <i>BAD</i>	[PO1 Loop will be used if ADDRES ^{AVR-7} = "A", "B", "C", or "D"
	(Messages)]
QTY*03* ERRNUM ^{AVR-93} *EA	
N9*1Q* <i>ERRCODE</i> ^{AVR-94} * <i>ERR</i>	[N9 Loop may repeat ERRNUM ^{AVR-93} times]
MTX** ERRMESG ^{AVR-95}	

QTY*NB* **PNARMKNUM**^{AVR-50}*EA QTY*01*SWTYPNUMAVR-57*EA SI*TI*SB***SWTYP**AVR-58 [SI Segment may repeat SWTYPNUM^{AVR-57} times] N9*L1*LOC*AVR MTX****DESCRIPTIVE**AVR-48 [N9 Loop may repeat **PNARMKNUM**^{AVR-50}times] N9*L1*PNARMK MTX****PNARMK**^{AVR-51} N9*L1*SLRMK MTX****SLRMK**AVR-52 N9*L1*SAGMESS MTX**SAGMESSAVR-37 N1*IT*ADDRESS N3*ALTERNATE STREET^{AVR-49}*ALTERNATE STREET^{AVR-49}(Continued) N4****STATE**^{AVR-32}***ZIP**^{AVR-33}**RJ***CALA**^{AVR-34} NX2*01***SANO**AVR-11 NX2*02***SASN**AVR-15 NX2*03***SASD**AVR-14 NX2*05* **BOX**AVR-29 NX2*06* ROUTE NX2*07* CITYAVR-31 NX2*39***AHN**AVR-27 NX2*40***SASS**AVR-17 NX2*59* **SAPR**AVR-10 NX2*61***SASF**^{AVR-13} NX2*62***SATH**AVR-16 NX2*<u>LD1</u>^{AVR-18}*LV1^{AVR-19} NX2*<u>LD2</u>^{AVR-20}*LV2^{AVR-21} NX2*<u>LD3</u>AVR-22*LV3 [N1 Loop may repeat **ALTADDNUM** AVR-37a times] N1*DT* SUPPMATCH NX2*<u>LD1</u>^{AVR-38}*LV1^{AVR-39} NX2*<u>LD2</u>^{AVR-40}*LV2^{AVR-41} Updated: January 21, 2002 Qwest Communications International. Inc. EDI Disclosure Document – Version 9.0

NX2*<u>LD3</u>^{AVR-42}*LV3^{AVR-43} SLN**WTN**n*A*1*EA [SLN Loop may repeat **WTNQ**^{AVR-7a} times] SI*TI*WT**WTN* SI*TI*W1**WTNSTAT*^{AVR-7c} N1*IT**WTNLISTEDNAME* N2*LNAME^{AVR-7d}*LNAME^{AVR-7d}(Continued)

Near and Multiple Match

[PO1 Loop for Multiple Match when **ADDRES**^{AVR-7} = "D" (Multiple Match)] [PO1 Loop for Near Match when **ADDRES**^{AVR-7} = "C" (Near Match)]

PO1*n*1*EA***ZZ* MULTIPLENEARMATCH [PO1 Loop may repeat **NMNUM**^{AVR-59} times] N9*L1*LOC*AVR MTX****DESCRIPTIVE**AVR-89 N1*IT* NEARMULTIPLE N2*LNAME^{AVR-90}*LNAME^{AVR-90} (Continued) N4**STATE^{AVR-86}*ZIP^{AVR-87}**RJ*CALA^{AVR-88} NX2*01***SANO**AVR-62 NX2*02***SASN**AVR-68 NX2*03***SASD**AVR-65 NX2*05* **BOX**AVR-84 NX2*06* ROUTE AVR-83 NX2*07* CITY NX2*15*ANRANGEAVR-81 NX2*39***AHN**AVR-80 NX2*40***SASS**^{AVR-70} NX2*59***SAPR**AVR-61 NX2*61***SASF**AVR-64 NX2*62***SATH**^{AVR-69} NX2*96* *HNRANGE*^{AVR-66} NX2*<u>LD1</u>^{AVR-71}*LV1^{AVR-72} NX2*<u>LD2</u>^{AVR-73}*LV2^{AVR-74} NX2* **LD3**^{AVR-75}* **LV3**^{AVR-76}

REF*UV* **ARANGEIND**^{AVR-82}* ARANGEIND REF*UV* **RANGEIND**^{AVR-67}* RANGEIND

Multiple CALA Match Address Section

[PO1 Loop for Multiple CALA Match when **ADDRES**^{AVR-7} = "E" (Multiple CALA)]

PO1*n*1*EA***ZZ* CALAMATCH N1*IT* MULTIPLECALAMATCH N4*****RJ***CALA**^{AVR-92} [PO1 Loop may repeat **MCNUM**^{AVR-91} times]

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

4.6 **Data Dictionary**

4.6.1 850 Address Validation Query (850AVQ)

Functional Group ID=PO

Introduction:

The 850 AVQ will be used by the Co-Provider to initiate an Address Validation Query to Qwest.

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

Notes:

This 850 Transaction includes the mapping for Address Validation 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	BEG	Beginning Segment for Purchase Order	М	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 Comments
			LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - Address Search	М	1		n1
	0180	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3600	N2	Additional Name Information	0	2		İ
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
	4050	SI	Service Characteristic Identification	0	>1		

Summary:

Pos.	Seg.	Req.	Loop	Notes and

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

	<u>No.</u>	<u>ID</u>	Name	Des.	Max.Use	<u>Repeat</u>	Comments	
			LOOP ID - CTT			1		
	0100	CTT	Transaction Totals	0	1		n2	
M	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: Position:	ST т 0100	ransaction Set Header				
	Loop: Level: Usage:	Heading Mandato	Heading Mandatory				
Syr	Max Use: Purpose: htax Notes:	1 To indica	1 To indicate the start of a transaction set and to assign a control number				
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)					
		 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 					
C	Comments:	OT*050*					
	notes:	51 650	TRAN SET CONTROL NUMBER				
	5 (Data Element Summary				
	Ret. <u>Des.</u> Attributes	Data <u>Element</u>	Name				
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 Identifying control number that must be unique within the functional group assigned by the originator for a transact	M tran tion s	AN 4/9 Isaction set set		

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

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.
Semantic Notes:	
• ·	

Comments:

Notes:

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

Data Element Summary

Data <u>Element</u>	Name		
374	Date/Time Qualifier	М	ID 3/3
	Code specifying type of date or time, or both date and tir	ne	
	097 Transaction Creation		
373	Date	Х	DT 8/8
	Date expressed as CCYYMMDD		
	D/TSENT (AVQ-3) = Date Sent		
337	Time	Х	TM 4/8
Time expressed in 24-hour clock time as follows: HHMM, or HHMM or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = mini (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DE hundredths (00-99) D/TSENT/HHMM) (AV(0-3) = Time Sent			HHMMSS, = minutes nds; and DD =
	Data Element 374 373 337	Data Element Name 374 Date/Time Qualifier Code specifying type of date or time, or both date and time 097 Transaction Creation 373 Date Date expressed as CCYYMMDD D/TSENT (AVQ-3) = Date Sent 337 Time Time expressed in 24-hour clock time as follows: HHMM or HHMMSSD, or HHMMSSDD, where H = hours (00-23 (00-59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0 hundredths (00-99) D/TSENT{HHMM} (AVQ-3) = Time Sent	Data Element Name 374 Date/Time Qualifier M Code specifying type of date or time, or both date and time 097 097 Transaction Creation 373 Date X Date expressed as CCYYMMDD D/TSENT (AVQ-3) = Date Sent 337 Time X Time expressed in 24-hour clock time as follows: HHMM, or I or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M (00-59), S = integer seconds (00-59) and DD = decimal second decimal seconds are expressed as follows: D = tenths (0-9) a hundredths (00-99) D/TSENT(HHMM) (AVQ-3) = Time Sent

Segment:	SI Service Characteristic Identification			
Position: Loop:	1850			
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify service characteristic data			
Syntax Notes:	 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 SI18 or SI19 is present, then the other is required. If either SI18 or SI19 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 (AVQ-5)*IQ*TXTYP (AVQ-4)			

_ .

	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	rvice	
			IR Transaction Activity		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TXACT (AVQ-5) = Transaction Activity		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			IQ Inquiry Type		
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			TXTYP (AVQ-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:	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 (AVQ-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
		Code identify an individual	ring an organizational entity, a physical loca	ation,	, property or
		78	Service Requester		
N102	93	Name		Х	AN 1/60
		Free-form na	Ime		
		CCNA (AVQ-	-1) = Customer Carrier Name Abbreviation		

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:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*BY**25*CC (AVQ-7)

Μ

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

Segment:	PO1 Baseline Item Data - Address Search					
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.,					
Nataa	ISBN NO., MODEL NO., OF SKU.					
NOTES:	PUTITIEA ZZ SEARCHTYP (AVQ-6)					
	Data Element Summary					

Data	Element	Summary	

Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit set	hin a	transaction
		"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		
		SEARCHTYP (AVQ-6) = Search Type		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
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
Neter	
Notes:	SITITIVET VET N(AVQ-35) [SI Segment is present only if SEARCHTYP(AVQ-6) is "T"]

			Data Element Summary		
	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 se characteristics	rvice	
			WT Working Telephone Number		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			WTN (AVQ-35) = Working Telephone Number		

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:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*IT*ADDRESS

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	M ID 2/3	
		Code identifying an organizational entity, a physical individual IT Installation on Site	ical location, property o	r
N102	93	Name Free-form name	X AN 1/60	
		"ADDRESS"		



N2 Additional Name Information

Position: 3600 Loop: N1 Optional Level: Detail Usage: Optional Max Use: 2 Purpose: To specify additional names Syntax Notes: Semantic Notes: Comments: Notes:

Segment:

N2*LNAME(AVQ-29)*LNAME(AVQ-29)(Continued) [N2 Segment is present only if SEARCHTYP(AVQ-6) is "A"]

Data Element Summary

	Ref.	Data				
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
1	N201	93	Name	М	AN 1/60	
			Free-form name			
			LNAME(AVQ-29) = Listed Name			
	N202	93	Name	0	AN 1/60	
			Free-form name			
			LNAME(AVQ-29) = Listed Name (Continued)			

Μ

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 (AVQ-32)*ZIP (AVQ-33)**RJ*CALA (AVQ-34)
	Data Element Summary
Ref.	Data

Des.	<u>Element</u>	Name		
Attributes N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropria agency	te go	overnment
		STATE (AVQ-32) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding p blanks (zip code for United States)	bunc	tuation and
		ZIP (AVQ-33) = 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 (AVQ-34) = 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 (AVQ-11) NX2*02*SASN (AVQ-14)

NX2*03*SASD (AVQ-13) NX2*05*BOX (AVQ-28) NX2*06*ROUTE (AVQ-27) NX2*07*CITY (AVQ-31) NX2*39*AHN (AVQ-26) NX2*40*SASS (AVQ-16) NX2*59*SAPR (AVQ-16) NX2*61*SASF (AVQ-10) NX2*61*SASF (AVQ-12) NX2*62*SATH (AVQ-15) NX2*LD1 (AVQ-17)*LV1 (AVQ-18) NX2*LD2 (AVQ-19)*LV2 (AVQ-20) NX2*LD3 (AVQ-21)*LV3 (AVQ-22)

Data Element Summary

Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compor	ent Qualifier	M	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (AVQ-17) = L0	ocation Designator 1		
		13=(DWS : APT	Г)		
		34=(DWS: LOT)		
		30=(DVVS: RIVI)	2)		
		37–(DWS: UNI	΄ Γ)		
		14=(DWS: SUI	Γ)		
		,	, ,		
		LD2 (AVQ-19) = Le	ocation Designator 2		
		32=(DWS : FLF	R)		
		LD3 (AVQ-21) = L 12-(D)/(S · PL	ocation Designator 3		
		63-(DWS: WN			
		30=(DWS: PIEF	2) ?)		
		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	Dunuing Name		

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 Number Fraction 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address Information SASD (AVQ-13) = Service Address Number SASN (AVQ-14) = Service Address Str								
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 Number Fraction 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address Street Directional Prefix <		13	Apartment 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 Number Low 61 Street Number Fraction 62 Street Number Fraction 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address information SAND (AVQ-11) = Service Address Number SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-21) = City AHN (AVQ-26) = Assigned House Number RAPE (AVQ-10) = Service Address Street Directional Suffix SAPR (AVQ-11) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-13) = Service Address Number Prefix SAFF (AVQ-12) = Service Address Number Prefix SAFF (AVQ-10) = Serv		14	Suite Number					
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 Number Fraction 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SAND (AVQ-11) = Service Address Street Name SASD (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-10) = Service Address Street Directional Suffix SASF (AVQ-10) = Service Address Number Prefix SASF (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-10) = Service Address Street Directional Suffi		30						
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 Number Fraction 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASF (AVQ-16) = Service Address Number Prefix SASF (AVQ-16) = Service Address Number Prefix SASF (AVQ-16) = Service Address Number Prefix SASF (AVQ-16) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-			The pier at which a ship or boat is docke	d				
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 Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier 166 Address Information SANO (AVQ-11) = Service Address Number SASD (AVQ-11) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Street Directional Suffix SAPR (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-16) = Service Address Street Three SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-16) = Service Address Street Type LV1 (AVQ-22) = Location Value 1 LV2 (AVQ-22) = Location Value 2 LV3 (AVQ-22) = Location Value 3		32	Floor					
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 Number Fraction 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SAND (AVQ-11) = Service Address Street Name SASD (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASF (AVQ-16) = Service Address Street Directional Suffix SAFF (AVQ-10) = Service Address Number Prefix SASF (AVQ-16) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Directional Suffix SAFF (AVQ-10) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2		A particular floor or level of a building						
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 Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASD (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Directional Suffix SAPR (AVQ-13) = Service Address Street Directional Suffix SAF (AVQ-14) = Service Address Street Directional Suffix SAF (AVQ-15) = Service Address Street Type LV1 (AVQ-15) = Service Address Street Type LV1 (AVQ-20) = Location Value 1 LV2 (AVQ-22) = Location Value 2 LV3 (AVQ-22) = Location Value 3		34	Lot					
35 Room 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 Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASD (AVQ-13) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-13) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3			A particular lot or piece of land					
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 Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASD (AVQ-13) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		35	Room					
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 Information M AN 1/55 Address Information Sano (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Number SASD (AVQ-13) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SASPF (AVQ-10) = Service Address Number Prefix SASF (AVQ-16) = Service Address Number Prefix SASF (AVQ-16) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3			A walled room or partitioned area of a bu	uilding				
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 Number Fraction 63 Secondary Unit Identifier 166 Address Information M ANN (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SASP (AVQ-16) = Service Address Number Prefix SASF (AVQ-16) = Service Address Number Prefix SASF (AVQ-16) = Service Address Street Directional Suffix SAFF (AVQ-12) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3 LV3 (AVQ-22) = Location Value 3		36	Slip	-				
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 Information SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-16) = Service Address Number Suffix SATH (AVQ-15) = Service Address Number Suffix SATH (AVQ-16) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3			The slip or location on a pier at which a s	hip or boat				
 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 Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-15) = Service Address Number Prefix SASF (AVQ-15) = Service Address Street Type LV1 (AVQ-15) = Service Address Street Type LV1 (AVQ-20) = Location Value 1 LV2 (AVQ-22) = Location Value 3 			is docked					
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 Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASN (AVQ-11) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-15) = Service Address Street Type LV1 (AVQ-20) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		37	Unit					
 39 Unstructured Property 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-15) = Service Address Street Type LV1 (AVQ-31) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3			A unit or separate structure					
40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier 166 Address Information M Address information M SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SAF (AVQ-12) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3								
59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier 166 Address Information M Address information M SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3	40 Street Suffix							
61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier 166 Address Information M Address information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SANO (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-15) = Service Address Street Type LV1 (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3 Set Street Type		59	Street Number Low					
62 Street Name Suffix 63 Secondary Unit Identifier 166 Address Information M AN 1/55 Address information SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SASPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3 LV3 (AVQ-22) = Location Value 3		61	Street Number Fraction					
63Secondary Unit Identifier166Address InformationMAN 1/55Address informationSANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SASR (AVQ-10) = Service Address Number Prefix SASF (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		62	Street Name Suffix					
166Address InformationMAN 1/55Address informationSANO (AVQ-11) = Service Address NumberSANO (AVQ-11) = Service Address NumberSASN (AVQ-14) = Service Address Street NameSASD (AVQ-13) = Service Address Street Directional PrefixBOX (AVQ-28) = Box NumberROUTE (AVQ-27) = Rural RouteCITY (AVQ-31) = CityAHN (AVQ-26) = Assigned House NumberSASS (AVQ-16) = Service Address Street Directional SuffixSAPR (AVQ-10) = Service Address Number PrefixSASF (AVQ-12) = Service Address Number SuffixSATH (AVQ-15) = Service Address Street TypeLV1 (AVQ-18) = Location Value 1LV2 (AVQ-20) = Location Value 2LV3 (AVQ-22) = Location Value 3		63	Secondary Unit Identifier					
Address information SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3	166	Address Informa	tion M	AN 1/55				
SANO (AVQ-11) = Service Address Number SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		Address information	on					
SASN (AVQ-14) = Service Address Street Name SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		SANO (AVQ-11) =	Service Address Number					
SASD (AVQ-13) = Service Address Street Directional Prefix BOX (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Prefix SASF (AVQ-12) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		SASN (AVQ-14) =	Service Address Street Name					
ROUTE (AVQ-28) = Box Number ROUTE (AVQ-27) = Rural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		SASD (AVQ-13) = Service Address Street Directional Prefix						
CITY (AVQ-27) = Kural Route CITY (AVQ-31) = City AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		BOX (AVQ-28) = Box Number POUTE (A)(Q, 27) = Box Number						
AHN (AVQ-26) = Assigned House Number SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		CUTY (AVQ-21) = Cutal Cute CITY (AVQ-31) = City						
SASS (AVQ-16) = Service Address Street Directional Suffix SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		AHN (AVQ-26) = Assigned House Number						
SAPR (AVQ-10) = Service Address Number Prefix SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		SASS (AVQ-16) = Service Address Street Directional Suffix						
SASF (AVQ-12) = Service Address Number Suffix SATH (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		SAPR (AVQ-10) = Service Address Number Prefix						
LV1 (AVQ-15) = Service Address Street Type LV1 (AVQ-18) = Location Value 1 LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		SASF (AVQ-12) = Service Address Number Suffix						
LV2 (AVQ-20) = Location Value 2 LV3 (AVQ-22) = Location Value 3		SATH (AVQ-15) =	acation Value 1					
LV3 (AVQ-22) = Location Value 3		LV2 (AVQ-20) = L	ocation Value 2					
		LV3 (AVQ-22) = L	ocation Value 3					

Μ

NX202

Segment:	SI Service Characteristic Identification
Position:	4050
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	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 (AVQ-9)

	Ref. Des.	Data Element	Name			
	<u>Attributes</u>					
М	SI01	559	Agency Qu	alifier Code	Μ	ID 2/2
			Code identif	ying the agency assigning the code values		
			ТΙ	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 se ics	rvice	
			AF	Address Format Type		
М	SI03	234	Product/Se	rvice ID	Μ	AN 1/48
			Identifying n	umber for a product or service		
			AFT (AVQ-9	9) = Address Format Type		

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

Total number of line items in the transaction set

М

	Segment:	SE T	ransaction Set Trailer		
	Position: Loop:	0300			
	Level: Usage:	Summar Mandato	y ry		
	Max Use: Purpose:	1 To indica	ate the end of the transaction set and provide the count o	f the	
	i dipocoi	transmitt	ed segments (including the beginning (ST) and ending (S s)	SE)	
ę	Syntax Notes: Semantic Notes:	U			
	Comments:	1 SE is	s the last segment of each transaction set.		
	Notes:	SE^NO 0	f Segments^TRAN SET CONTROL #		
			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
М	SE01	96	Number of Included Segments	М	N0 1/10
			Total number of segments included in a transaction set and SE segments	inclu	ding ST
Μ	SE02	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	e trar tion s	saction set

4.6.2 855 Address Validation Response (855AVR)

Introduction:

The 855AVR will be used by Qwest to respond to an Address Validation 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 Address Validation 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		
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		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Bad Match	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 - Exact Match	0	1		n2
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		

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

		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	0	1		
3020	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
					200	
3700	N1	Name	0	1	200	
3900	N3	Address Information	0	2		
4000	N4	Geographic Location	0	- 1		
4050	NX2	Location ID Component	0	>1		
					200	
3700	N1	Name	0	1	200	
4050	NX2	Location ID Component	0	>1		
			-		~ 1	
4000	SI N	Subline Itom Detail	0	1	>1	
5000	SLIN	Service Characteristic Identification	0	۱ ۱		
0000	0.			~ 1	10	
5760	N1	Name	0	1	10	
5780	N2	Additional Name Information	0	2		
					100000	
0100	PO1	Baseline Item Data - Near/Multiple Match	0	1	100000	n3
0100	101	LOOP ID - N9		•	1000	
3500	N9	Reference Identification	0	1		
3600	MTX	Text	0	>1		
					200	
3700	N1	Name	0	1	200	
3800	N2	Additional Name Information	0	2		
4000	N4	Geographic Location	0	- 1		
4050	NX2	Location ID Component	0	>1		
4100	REF	Reference Identification	0	12		
		LOOP ID - PO1			100000	

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

0100	PO1	Baseline Item Data - CALA Match	0	1	n4
		LOOP ID - N1			200
3700	N1	Name	0	1	
4000	N4	Geographic Location	0	1	

Summary:

Μ

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	<u>Max.Use</u>	Loop Notes and Ise <u>Repeat</u> <u>Comment</u>	
		LOOP ID - CTT			1	
0100	CTT	Transaction Totals	0	1		n5
0300	SE	Transaction Set Trailer	М	1		

Transaction Set Notes

- **1.** PO102 is required.
- 2. PO102 is required.
- **3.** PO102 is required.
- 4. PO102 is required.
- 5. 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: Position:	ST т 0100	ransaction Set Header		
	Loop: Level: Usage: Max Use:	Heading Mandato 1	ry		
Syn	Purpose: ax Notes:	To indica	ate the start of a transaction set and to assign a control n	umbe	۶r
Seman	tic Notes:	 The routi trans Set). The trans appr defir 	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 Transa- implementation convention reference (ST03) is used by to slation routines of the interchange partners to select the opriate implementation convention to match the transaction bition	1 action the ion se	ı ət
С	omments:	uom			
•	Notes:	ST*855*	TRAN SET CONTROL #		
	Pof	Data	Data Element Summary		
		Elomont	Namo		
	Attributes		Name		
М	ST01	143	Transaction Set Identifier Code	М	ID 3/3
			Code uniquely identifying a Transaction Set855Purchase Order Acknowledgment		
М	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	ອ tran tion ຄ	saction set

	Segment:	BAK	Beginning Segment for Purchase Order Acknowle	dgm	ent
	Position:	0200			
	Loop:	L La la ell'en el			
	Level:	Heading			
	Usage: Max Uso:	1	TY		
		To indice	ate the beginning of the Durchass Order Asknowledgmen	4	
	Purpose.	Transact	tion Set and transmit identifying numbers and dates	IL	
	Syntax Notes:				
	Semantic Notes:	1 BAK	04 is the date assigned by the purchaser to purchase orc	ler.	
		2 BAK	08 is the seller's order number.		
		3 BAK	09 is the date assigned by the sender to the acknowledg	men	t.
	Comments:				
	Notes:	BAK*11*	AT*TXNUM (AVR-2)*PO Date (See Trading Partner Acc	ess	
		Informati	ion)		
	Def	Data	Data Element Summary		
	Ref.	Data	M		
	<u>Des.</u>	Element	<u>Name</u>		
м	Attributes BAK01	353	Transaction Set Purnose Code	м	2/2 חו
IVI	DANUT	555	Code identifying numbers of transaction act	141	
			Code identifying purpose of transaction set		
			11 Response		
Μ	BAK02	587	Acknowledgment Type	Μ	ID 2/2
			Code specifying the type of acknowledgment		
			AT Accepted		
Μ	BAK03	324	Purchase Order Number	Μ	AN 1/22
			Identifying number for Purchase Order assigned by the		
			orderer/purchaser		
			TXNUM (AVR-2) = Transaction Number		
Μ	BAK04	373	Date	Μ	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner Information)	Acce	ess

Segment:	REF Reference Identification
Position:	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*ACC*ADDRES (AVR-7)*ADDRES
	Data Element Summary

Ref. Data Des. Element Name Attributes Reference Identification Qualifier M ID Code qualifying the Reference Identification M ID	D 2/3
REF01 128 Reference Identification Qualifier M ID Code qualifying the Reference Identification 0.00000000000000000000000000000000000	D 2/3
Code qualifying the Reference Identification	
ACC Status	
REF02 127 Reference Identification X AN	N 1/30
Reference information as defined for a particular Transaction Se specified by the Reference Identification Qualifier	et or as
ADDRES (AVR-7) = Address Response	NI 1/00
REFUS 352 Description A Ar	AIN 1/60
A free-form description to clarify the related data elements and the content	their

М
PAM Period Amo

Segment:	FAN	Period A	Amount		
Position:	0950				
Loop:					
Level:	Heading				
Usage:	Optional				
	To indice	ate a quanti	ty, and/or amount for an identified peri	od	
Svntax Notes:	1 If an	v of PAM01	PAM02 or PAM03 is present, then all	are require	d.
-,	2 At le	ast one of F	PAM02 PAM05 or PAM14 is required.		
	3 If eit	her PAM04	or PAM05 is present, then the other is	required.	
	4 If eit	her PAM06	or PAM07 is present, then the other is	required.	
	5 If PA	M07 is pres	sent, then at least one of PAM08 or PA	AM09 is	
	requ	Ired.	ant than DAMOG is required		
	7 If PA	MOR is pres	sent, then PAMO6 is required.		
	8 If PA	AM09 is pres	sent, then PAM07 is required		
	9 If PA	AM10 is pres	sent, then at least one of PAM11 or PA	AM12 is	
	requ	ired.			
	10 If PA	AM11 is pres	sent, then PAM10 is required.		
o (1) N (11 If eit	her PAM13	or PAM14 is present, then the other is	required.	
Semantic Notes:	1 PAN	110, PAM11 115, indianta	, or PAM12 are used when two dates	are required	1. 05
	Z PAIV	not or gross	s whether the monetary amount identi		05
	"N" i	indicates arr	nount is a net value.		411
Comments:					
Notes:	855~9,4	,PAM*87*NI	MNUM (AVR-9)*EA		
	PAM*OC	C*MCNUM ((AVR-91)*EA		
	PAM [*] 02	^WINQ (AV	/R-/a)		
		Data Ele	ement Summary		
Ref.	Data		-		
Des.	Element	<u>Name</u>			
Attributes	070	0		v	
PAMU1	673	Quantity C		X	ID 2/2
		Code spec	arying the type of quantity		
		02			
		87	Quantity Received		
		OC	Order Count		
PAM02	380	Quantity		Х	R 1/15
		Numeric va	alue of quantity		
		NMNUM (A	AVR-59) = Near Match Number		
			AVK-91) = MULTIPLE CALA MATCH NUMB	er	
PAM03	C001	Composite	e Unit of Measure	X	
		To identify	a composite unit of measure (See Fig	ures Apper	ndix for
		examples	of use)	,	
C00101	355	Unit or Ba	isis for Measurement Code	М	ID 2/2

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

Each

Μ

ΕA

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
mantic Notes:	

Sema **Comments:**

Notes:

Seament:

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

Data Element Summary Data Ref. Element Name Des. Attributes **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 (AVR-3) = Date Sent **DTM03** 337 TM 4/8 Time Х Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) D/TSENT{HHMM} (AVR-3) = Time Sent

Segment:	SI Service Characteristic Identification
Position: Loop:	1850
Level: Usage:	Heading Optional
Max Use:	>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:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*IR*TXACT (AVR-5)*IQ*TXTYP (AVR-4)

_ .

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

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	r Code	Μ	ID 2/3
		Code identifying an individual	g an organizational entity, a physical loca	ation,	property or
		78	Service Requester		
N102	93	Name		Х	AN 1/60
		Free-form name	9		
		CCNA (AVR-1)	= Customer Carrier Name Abbreviation		

Segment:	N1 Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 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 (AVR-6)

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

Segment:	PO1	Baseline Item Data - Bad Match		
Position:	0100			
Loop:	PO1	Optional		
Level:	Detail	•		
Usage:	Optional			
Max Use:	1			
Purpose:	To speci	fy basic and most frequently used line item data		
Syntax Notes:	1 If PC	0103 is present, then PO102 is required.		
	2 If PC	0105 is present, then PO104 is required.		
	3 If eit	her PO106 or PO107 is present, then the other is require	d.	
	4 If eit	her PO108 or PO109 is present, then the other is require	ป. ส	
	5 If eit	her POTTO of POTTT is present, then the other is require	u. d	
	7 If oit	her PO112 of PO113 is present, then the other is require	u. d	
	8 Ifeit	per PO116 or PO117 is present, then the other is require	d. d	
	9 Ifeit	her PO118 or PO119 is present, then the other is require	d.	
	10 If eit	her PO120 or PO121 is present, then the other is require	d.	
	11 If eit	her PO122 or PO123 is present, then the other is require	d.	
	12 If eit	her PO124 or PO125 is present, then the other is require	d.	
Semantic Notes:				
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.		
	2 PO1	01 is the line item identification.		
	3 PO1	06 through PO125 provide for ten different product/servic	e ID:	5
	per e	each item. For example: Case, Color, Drawing No., U.P.C	,. INO	-,
Notos		* NO., MODELINO., OF SKU. *EA***77*BAD [PO1 Loop will be used if ADDRES (A)/P	-7) -	"A" "B"
NO(65.	"C" or "[)" (Messages)]	- () -	А, В,
	0,01			
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>			-	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit	hin a	transaction
		Set		
DO 400	222		V	D 4/45
P0102	330		X	к 1/15
		Quantity ordered		
		1 Always One		
DO402	255	Unit or Pasis for Massurament Code	$\mathbf{\circ}$	1D 2/2

		Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is beir manner in which a measurement has been taken EA Each	ng expresse	ed, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptiv Product/Service ID (234) ZZ Mutually Defined	e number u	used in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"BAD"		

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.
Notes:	QTY*03*ERRNUM (AVR-93)*EA
	Data Element Summary
Ref.	Data
Des.	Element Name

м	Attributes QTY01	673	Quantity Qualifier	м	ID 2/2
			Code specifying the type of quantity		
			03 Discreet Quantity - Rejected Materia	I	
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			ERRNUM (AVR-93) = Number of Errors		
	QTY03	3 C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	pper	ndix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

Segment:	N9 R	Reference Identification					
Position:	3500						
Loop:	N9	N9 Optional					
Level:	Detail	Detail					
Usage:	Optional						
Max Use:	1						
Purpose:	To trans Identifica	mit identifying information as specified by the Reference ation Qualifier					
Syntax Notes:	1 At le	east one of N902 or N903 is required.					
	2 If NS	306 is present, then N905 is required.					
	J IF elt	her C04003 or C04004 is present, then the other is required.					
Somantia Notas:	4 II EIL 4 NOO	fiel C04005 of C04006 is present, then the other is required.					
Semantic Notes.	2 N90	7 contains data relating to the value cited in N902					
Comments:	2 Noor contains data relating to the value cited in Nooz.						
Notes:	N9*1Q*E	ERRCODE (AVR-94)*ERR [N9 Loop may repeat ERRNUM ((AVR-93)				
	times]		(
	Data Element Summary						
		Data Element Summary					
Ref.	Data	Data Element Summary					
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>					
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Data Element Summary <u>Name</u> Reference Identification Qualifier	2/2				
Ref. <u>Des.</u> <u>Attributes</u> N901	Data <u>Element</u> 128	Data Element Summary Name Reference Identification Qualifier M	ID 2/3				
Ref. <u>Des.</u> <u>Attributes</u> N901	Data <u>Element</u> 128	Data Element Summary Name Reference Identification Qualifier Code qualifying the Reference Identification	ID 2/3				
Ref. <u>Des.</u> <u>Attributes</u> N901	Data <u>Element</u> 128	Data Element Summary Name Reference Identification Qualifier M Code qualifying the Reference Identification 1Q Error Identification Code	ID 2/3				
Ref. <u>Des.</u> <u>Attributes</u> N901	Data <u>Element</u> 128	Data Element Summary Name Reference Identification Qualifier M Code qualifying the Reference Identification 10 Error Identification Code M 1Q Error Identification Code Qualifies a single number that describes found in application-level data M	ID 2/3 an error				
Ref. <u>Des.</u> <u>Attributes</u> N901 N902	Data <u>Element</u> 128 127	Data Element Summary Name Reference Identification Qualifier Reference Identification Qualifier M Code qualifying the Reference Identification M 1Q Error Identification Code Qualifies a single number that describes found in application-level data Reference Identification X	ID 2/3 an error AN 1/30				
Ref. <u>Des.</u> <u>Attributes</u> N901 N902	Data <u>Element</u> 128 127	Data Element Summary Name Reference Identification Qualifier M Code qualifying the Reference Identification 1Q Error Identification Code M Qualifies a single number that describes found in application-level data X Reference Identification X Reference Identification as defined for a particular Transaction	ID 2/3 an error AN 1/30 n Set or as				
Ref. <u>Des.</u> <u>Attributes</u> N901 N902	Data <u>Element</u> 128 127	Data Element Summary Name Reference Identification Qualifier M Code qualifying the Reference Identification M 1Q Error Identification Code M Qualifies a single number that describes found in application-level data M Reference Identification X Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier X	ID 2/3 an error AN 1/30 n Set or as				
Ref. <u>Des.</u> <u>Attributes</u> N901 N902	Data <u>Element</u> 128 127	Data Element Summary Name Reference Identification Qualifier M Code qualifying the Reference Identification M 1Q Error Identification Code Qualifies a single number that describes found in application-level data Reference Identification X Reference Information as defined for a particular Transaction specified by the Reference Identification Qualifier X ERRCODE (AVR-94) = Error Code K	ID 2/3 an error AN 1/30 n Set or as				
Ref. <u>Des.</u> <u>Attributes</u> N901 N902 N903	Data Element 128 127 369	Data Element Summary Name Reference Identification Qualifier M Code qualifying the Reference Identification M 1Q Error Identification Code Qualifies a single number that describes found in application-level data Reference Identification X Reference Identification X Reference Information as defined for a particular Transaction specified by the Reference Identification Qualifier ERRCODE (AVR-94) = Error Code Free-form Description X	ID 2/3 an error AN 1/30 n Set or as AN 1/45				
Ref. <u>Des.</u> <u>Attributes</u> N901 N902 N903	Data Element 128 127 369	Data Element Summary Name Reference Identification Qualifier M Code qualifying the Reference Identification M 1Q Error Identification Code M Qualifies a single number that describes found in application-level data M Reference Identification X Reference Identification X X Reference information as defined for a particular Transaction Specified by the Reference Identification Qualifier X ERRCODE (AVR-94) = Error Code K K Free-form Description X X	ID 2/3 an error AN 1/30 n Set or as AN 1/45				

Segment:	MTX	Text		
Position:	3600			
Loop:	N9	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	fv textual data		
Svntax Notes:	1 İf M⁻	X01 is present, then MTX02 is required.		
- ,	2 If M	TX03 is present, then MTX02 is required.		
	3 If M⁻	TX05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX	05 is the number of lines to advance before printing.		
Comments:	1 If M	TX04 is "AA - Advance the specific number of lines before	e prir	nt".
	then	MTX05 is required.	•	
Notes:	MTX**EI	RRMESG (AVR-95)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	х	AN 1/4096
		To transmit largo volumos of mossago toxt		
		To transmit large volumes of message text		

ERRMESG (AVR-95) = Error Message

Segment:	PO1	Baseline Item Data - Exact Match				
Position:	0100					
Loop:	PO1 Optional					
Level:	Detail					
Max Use:	1					
Purpose:	To speci	fy basic and most frequently used line item data				
Syntax Notes:	1 If PC	0103 is present, then PO102 is required.				
	3 If eit	her PO106 or PO107 is present, then the other is required.	d			
	4 If eit	her PO108 or PO109 is present, then the other is require	d.			
	5 If eit	her PO110 or PO111 is present, then the other is require	d.			
	6 Ifeit 7 Ifeit	her PO112 or PO113 is present, then the other is require her PO114 or PO115 is present, then the other is require	d. d			
	8 If eit	her PO116 or PO117 is present, then the other is require	d.			
	9 If eit	her PO118 or PO119 is present, then the other is require	d.			
	10 If eit	her PO120 or PO121 is present, then the other is require	d.			
	12 If eit	her PO122 of PO123 is present, then the other is require her PO124 or PO125 is present, then the other is require	a. d			
Semantic Notes:			u .			
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.				
	2 PO1 3 PO1	01 is the line item identification. 06 through PO125 provide for ten different product/serviv		c		
	pere	each item. For example: Case, Color, Drawing No., U.P.C). No	.,		
	ISBN	No., Model No., or SKU.				
Notes:	PO1*n*1	*EA***ZZ*EXACT [PO1 Loop will be used if ADDRES (A	VR-7	7) = "A"		
Pof	Data	Data Element Summary				
Des.	Element	Name				
<u>Attributes</u>	050		•			
P0101	350	Assigned identification	U hin a	AN 1/20		
		set	nin a	Transaction		
		"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 expr	esse	d, or		
		EA Each				
PO106 235						
		Product/Service ID Qualifier	Х	ID 2/2		
	235	Code identifying the type/source of the descriptive number	X ber u	ID 2/2 sed in		
	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive numb Product/Service ID (234)	X ber u	ID 2/2 sed in		
DO107	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined Product/Service ID	X beru: X	ID 2/2 sed in		

"EXACT"

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*IC*SITEID (AVR-53)*TL*TTA (AVR-54)*LS*LSO (AVR-55) *RS*RATEZONE (AVR-56)

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
м	Attributes	550	Agency Qualifier	Code	м	2/2 חו
IVI	3101	559			IVI	
				le agency assigning the code values		
				l elecommunications Industry		
M	SI02	1000	Service Characte	ristics Qualifier	М	AN 2/2
			Code from an indu characteristics	stry code list qualifying the type of se	rvice	
			IC	Interexchange Carrier Serving Office	1	
Μ	SI03	234	Product/Service I	D	Μ	AN 1/48
			Identifying number	for a product or service		
			SITEID (AVR-53) =	= Site Identification		
	SI04	1000	Service Characte	ristics Qualifier	Х	AN 2/2
			Code from an induction characteristics	stry code list qualifying the type of se	rvice	
			TL	Terminating Location		
	SI05	234	Product/Service I	D	Х	AN 1/48
			Identifying number	for a product or service		
			TTA $(AVR-54) = T$	raffic Terminating Area		
	SI06	1000	Service Characte	ristics Qualifier	Х	AN 2/2
			Code from an indu	Code from an industry code list qualifying the type of serv		
			characteristics			
			LS	Local Serving Office		
	SI07	234	Product/Service I	D	Х	AN 1/48
			Identifying number	for a product or service		
			LSO (AVR-55) = L	ocal Service Office		
	SI08	1000	Service Characte	ristics Qualifier	Х	AN 2/2

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

47

		Code from an industry code list qualifying the type of service characteristics			
		RS	Rate Schedule		
SI09	234	Product/Service	ID	Х	AN 1/48
		Identifying number for a product of	r for a product or service		
		RATEZONE (AVR	2-56) = RATE ZONE		

Segment:	QTY	Quantity			
Position:	3000				
Loop:	QTY	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To speci	fy quantity infor	rmation		
Syntax Notes:	1 At le	ast one of QTY	'02 or QTY04 is required.		
	2 Only	one of QTY02	or QTY04 may be present.		
Semantic Notes:	1 QTY	04 is used whe	en the quantity is non-numeric.		
Comments:					
Notes:	QTY*AG	*ALTADDNUM	I (AVR-37a)*EA		
		Data Eleme	ant Summary		
Ref	Data		sht Summary		
Des	Flement	Name			
Attributes		<u>I tullo</u>			
QTY01	673	Quantity Qua	lifier	Μ	ID 2/2
		Code specifyir	ng the type of quantity		
		AG	Number of End Users		
			Number of participating users		
QTY02	380	Quantity		Х	R 1/15
		Numeric value	e of quantity		
		ALTADDNUM	(AVR-37a) = Alternate Addresses Number	er	

Composite Unit of Measure

Unit or Basis for Measurement Code

manner in which a measurement has been taken

Each

To identify a composite unit of measure (See Figures Appendix for examples of use)

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

Μ

Μ

QTY03

C00101

C001

355

ΕA

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

0

M ID 2/2

	Segment:	QTY	Quantity		
	Position:	3000			
	Loop:	QTY	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	1			
	Purpose:	To speci	fy quantity information		
	Syntax Notes:	1 At le	ast one of QTY02 or QTY04 is required.		
		2 Only	one of QTY02 or QTY04 may be present.		
ç	Semantic Notes:	1 QIY	04 is used when the quantity is non-numeric.		
	Comments:				
	Notes:		PNARMIRINUM (AVR-50) EA		
			Dete Element Summers		
	Pof	Data	Data Element Summary		
		Flomont	Name		
	Attributes		Name		
М	QTY01	673	Quantity Qualifier	м	ID 2/2
			Code specifying the type of quantity		
			NB Number of Units (Housing)		
	OT)/00	000		v	D 4/45
	QTYUZ	380	Quantity	X	R 1/15
			Numeric value of quantity		
			PNARMKNUM (AVR-50) =Number of Primary Number	Addre	ess
			Remarks		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	pper	dix 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	esse	d, or

EA Each

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: Comments:	1 QTY04 is used when the quantity is non-numeric.
Notes:	QTY*01*SWTYPNUM (AVR-57)*EA
	Data Element Summary
Pof	Data

	IXCI.	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		
			01 Discrete Quantity		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			SWTYPNUM (AVR-57) = Switch Type Number		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	ppen	idix 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	SSE	d, or

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
	qualifiers.
Notes:	SI*TI*SB*SWTYP (AVR-58) [SI Segment may repeat SWTYPNUM (AVR-57)
	times]
	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 se characteristics	rvice	
			SB Switch Type		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			SWTYP (AVR-58) = Switch Type		

Segment:	N9 Reference Identification
Position:	3500
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	 At least one of N902 or N903 is required. If N906 is present, then N905 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	 N906 reflects the time zone which the time reflects. N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*L1*LOC*AVR

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
М	N901	128	Reference Identification Qualifier	М	ID 2/3
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Tra specified by the Reference Identification Qualifier LOC Location Instructions	Insaction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"AVR"		

Segment:	MTX	Text			
Position:	3600				
Loop:	N9 (Dptional			
Level:	Detail	Detail			
Usage:	Optional				
Max Use:	>1				
Purpose:	To specif	iy textual data			
Syntax Notes:	1 If MT	X01 is present, then MTX02 is required.			
	2 If MT	X03 is present, then MTX02 is required.			
	3 If MT	X05 is present, then MTX04 is required.			
Semantic Notes:	1 MTX	05 is the number of lines to advance before printing.			
Comments:	1 If MT	X04 is "AA - Advance the specific number of lines before	e prin	ιt",	
	then	MTX05 is required.			
Notes:	MTX**DE	ESCRIPTIVE (AVR-48)			
		Data Element Summary			
Ref.	Data				
Des.	<u>Element</u>	Name			
<u>Attributes</u>					
MTX02	1551	Message Text	Х	AN 1/4096	

To transmit large volumes of message text DESCRIPTIVE (AVR-48) = Descriptive Address

Segment:	N9 Reference Identification
Position:	3500
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*L1*PNARMK [N9 Loop repeats PNARMKNUM (AVR-50) times]
	Data Element Summary

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		L1 Letters or Notes		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
		"PNARMK"		

Segment:	МТХ	Text			
Position:	3600				
Loop:	N9 (Optional			
Level:	Detail	Detail			
Usage:	Optional				
Max Use:	>1				
Purpose:	To speci	fy textual data			
Syntax Notes:	1 İf M7	X01 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 MTX	05 is the number of lines to advance before printing.			
Comments:	1 If M7	X04 is "AA - Advance the specific number of lines before	e prin	ıt",	
	then	MTX05 is required.			
Notes:	MTX**PI	NARMK (AVR-51)			
		Data Element Summary			
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
MTX02	1551	Message Text	Х	AN 1/4096	

To transmit large volumes of message text

PNARMK (AVR-51) = Primary Number Address Remarks:

Segment:	N9 Reference Identification
Position:	3500
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
Suntax Nataa	A At least one of NOO2 or NOO2 is required
Syntax Notes:	A least one of N902 of 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*L1*SLRMK

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N901	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		L1 Letters or Notes		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
N902	127	Reference Identification Reference information as defined for a particular Transa specified by the Reference Identification Qualifier "SLRMK"	X ction	AN 1/30 Set or a

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 MTX0)2 is required.		
-	2 If MTX03 is present, then MTX0)2 is required.		
	3 If MTX05 is present, then MTX0)4 is required.		
Semantic Notes:	1 MTX05 is the number of lines to	advance before printing.		
Comments:	1 If MTX04 is "AA - Advance the s	specific number of lines before	e print",	
	then MTX05 is required.			
Notes:	MTX**SLRMK (AVR-52)			
	Data Element Summar	У		
Ref.	Data			
Des.	<u>lement</u> <u>Name</u>			
<u>Attributes</u>				
MTX02	1551 Message Text		X AN 1/4096	

5
To transmit large volumes of message text
SLRMK (AVR-52) = Service Location Remarks

Segment:	N9 Reference Identification			
Position:	3500			
Loop:	N9 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier			
Syntax Notes:	1 At least one of N902 or N903 is required.			
	2 If N906 is present, then N905 is required.			
	3 If either C04003 or C04004 is present, then the other is required.			
	4 If either C04005 or C04006 is present, then the other is required.			
Semantic Notes:	1 N906 reflects the time zone which the time reflects.			
	2 N907 contains data relating to the value cited in N902.			
Comments:				
Notes:	N9*L1*SAGMESS			

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N901	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		L1 Letters or Notes		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
		"SAGMESS"		

Segment:	MTX	Text		
Position:	3600			
Loop:	N9 (Dptional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	iy textual data		
Syntax Notes:	1 If M	X01 is present, then MTX02 is required.		
	2 If M	X03 is present, then MTX02 is required.		
	3 If M7	X05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX	05 is the number of lines to advance before printing.		
Comments:	1 If M	X04 is "AA - Advance the specific number of lines before) prir	nt",
	then	MTX05 is required.		
Notes:	MTX**S/	AGMESS (AVR-37)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
MTX02	1551	Message Text	Х	AN 1/4096

To transmit large volumes of message text SAGMESS (AVR-37) = Street Address Guide Message

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				

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



N3 Address Information

Segment: Position: 3900 N1 Optional Loop: Level: Detail Usage: Optional Max Use: 2 Purpose: To specify the location of the named party Syntax Notes: Semantic Notes: Comments: Notes: N3*ALTERNATE STREET (AVR-49)*ALTERNATE STREET (AVR-49) (Continued) **Data Element Summary** Ref. Data Des. Element Name **Attributes** N301 166 **Address Information** Μ AN 1/55 Address information ALTERNATE STREET (AVR-49) = Alternate Street

Address Information

ALTERNATE STREET (AVR-49) = Alternate Street (Continued)

Address information

Μ

N302

166

\sim	\sim
n	/
~	_

AN 1/55

0

Segment:	N4 Geographic Location
Position:	4000
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 (AVR-32)*ZIP (AVR-33)**RJ*CALA (AVR-34)
	Data Element Summary
Ref.	Data
D	

Des.	<u>Element</u>	Name		
<u>Attributes</u>				
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropria agency	ite go	overnment
		STATE (AVR-32) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding p blanks (zip code for United States) ZIP (Δ /P 22) = ZIP (Postal Code	SUNC	tuation and
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 (AVR-34) = Customer Address Location Area		

NX2 Location ID Component Segment: Position: 4050 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 (AVR-11) NX2*02*SASN (AVR-15) NX2*03*SASD (AVR-14)

> NX2*LD1 (AVR-18)*LV1 (AVR-19) NX2*LD2 (AVR-20)*LV2 (AVR-21) NX2*LD3 (AVR-22)*LV3 (AVR-23)

NX2*05*BOX (AVR-29) NX2*06*ROUTE (AVR-28) NX2*07*CITY (AVR-31) NX2*39*AHN (AVR-27) NX2*40*SASS (AVR-17) NX2*59*SAPR (AVR-10) NX2*61*SASF (AVR-13) NX2*62*SATH (AVR-16)

Data Element Summary

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	NX201	1106	Address Compon	ent Qualifier	Μ	ID 2/2
			Code qualifying the	e type of address component		
		LD1 (AVR-18) = L0 13 = (DWS : AF 34 = (DWS : LC 35 = (DWS : RM 36 = (DWS : SL 37 = (DWS : UM 14 = (DWS : SL LD2 (AVR-20) = L0 32 = (DWS : FL LD3 (AVR-22) = L	Decation Designator 1 PT) DT) M) LIP) NIT) JIT) Decation Designator 2 R)			
			12 = (DWS : BL 63 = (DWS : W 30 = (DWS : PI	LDG) NG) ER)		
			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 docke	d		
	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 bu	uilding		
	36	Slip	-		
		The slip or location on a pier at which a s	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			
	SANO (AVR-11) =	Service Address Number			
	SASN (AVR-15) = $(A)(B, 14)$	Service Address Street Name			
	SASD(AVR-14) = BOX(AVR-29) - F	Service Address Street Directional Prenx			
	ROUTE (AVR-28)	= Rural Route			
	CITY (AVR-31) =	City			
AHN (AVR-27) = Assigned House Number					
	Service Address Street Directional Suffix				
	Service Address Number Prenx				
	SATH $(AVR-16)$ = Service Address Street Type				
	LV1 (AVR-19) = L	ocation Value 1			
	LV2 (AVR-21) = L	ocation Value 2			

Μ

NX202

LV3 (AVR-23) = Location Value 3

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:	1 This segment, used alone, provides the most efficient method of
	providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*DT*SUPPMATCH [N1 Loop may repeat ALTADDNUM (AVR-37a) times]

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

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 an individual DT	an organizational entity, a physical locat Destination Terminal	ion,	property or
N102	93	Name		Х	AN 1/60
		Free-form name			
		"SUPPMATCH"			

NX2 Location ID Component

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:

4050 N1 Optional Detail Optional >1 To define types and values of a geographic location

NX2*LD1 (AVR-38)*LV1 (AVR-39) NX2*LD2 (AVR-40)*LV2 (AVR-41) NX2*LD3 (AVR-42)*LV3 (AVR-43)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	NX201	1106	Address Compor	nent Qualifier	М	ID 2/2
			Code qualifying the	e type of address component		
			LD1 (AVR-38) = L	ocation Designator 1		
			13 = (DWS : AF	PT)		
			34 = (DWS : LC)			
			36 – (DWS : SI			
			37 = (DWS : UI	NIT)		
			14 = (DWS : SU	רוע)		
			LD2 (AVR-40) = L	ocation Designator 2		
			52 - (DVV5 . T L	-1()		
			LD3 (AVR-42) = L	ocation Designator 3		
			12 = (DWS : BI	_DG)		
			63 = (DWS: WI	NG)		
			30 = (DWS: PIE	=R) Building Nome		
			12	Apartment Number		
			13	Apartment Number		
			14			
			30	Pier		
			00	The pier at which a ship or boat is do	скеа	
			32			
			0.4	A particular floor or level of a building		
			34			
			05	A particular lot or piece of land		
			35			Lallia ai
				A walled room or partitioned area of a	a dui	aing
			36	Sip		
				i ne slip or location on a pier at which	a sr	np or boat
			37	locked Unit		
			0.			

М	NX202	166	63 Address Information	Secondary Unit Identifier t ion on	М	AN 1/55
			LV1 (AVQ-39) = L0 LV2 (AVQ-41) = L0 LV3 (AVQ-43) = L0	ocation Value 1 ocation Value 2 ocation Value 3		

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:	1 If eit	her SLN04 or SLN05 is present, then the other is required.	
	2 If SL	N07 is present, then SLN06 is required.	
	3 If SL	N08 is present, then SLN06 is required.	
	4 If elt	her SLN09 or SLN10 is present, then the other is required.	
	5 If eit	her SLN11 of SLN12 is present, then the other is required.	
	7 If oit	her SLN13 of SLN14 is present, then the other is required.	
	8 If oit	her SLN15 of SLN16 is present, then the other is required.	
	O lf⊖it	her SI N19 or SI N20 is present, then the other is required.	
	10 If eit	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.	
	13 If eit	her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:	1 SLN	01 is the identifying number for the subline item.	
	2 SLN	02 is the identifying number for the subline level. The sublir	ne
	leve	is analogous to the level code used in a bill of materials.	
	3 SLN	03 is the configuration code indicating the relationship of the	е
	subl	ne item to the baseline item.	
	4 SLN	08 is a code indicating the relationship of the price or amou	int to
•	the a	associated segment.	
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.	(i.e. e.
	Z SLIN	ut is related to (but not necessarily equivalent to) the base	ine
	to ro	late to baseline number 1	IIIDEI
	3 SIN	09 through SI N28 provide for ten different product/service	IDs
	for e	ach item. For example: Case. Color. Drawing No., U.P.C. N	No
	ISBN	No Model No or SKU.	,
Notes:	SLN*WT	N*n*A*1*EA [SLN Loop may repeat WTNQ (AVR-7 times]	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	Name	
<u>Attributes</u>			
SLN01	350	Assigned Identification	I AN 1/20
		Alphanumeric characters assigned for differentiation within	n a transaction
		set	
		"WIN"	
SLN02	350	Assigned Identification C) AN 1/20

SLINUZ	330	Assigned identification	U	AN 1/20
		Alphanumeric characters assigned for differentiation set	within a	transaction
		"n" = nth assigned ID within SLN loop		
SLN03	662	Relationship Code	М	ID 1/1

Code indicating the relationship between entities

Add

м

Μ

SLN04

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

Numeric value of quantity

А

Quantity

380

R 1/15

Х

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Fig examples of use)	ures Appendix for
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	g expressed, or

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 [*] WT*WTN (AVR-7b)
	SI*TI*W1*WTNSTAT (AVR-7c)

			Data Element Su	mmary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
Μ	SI01	559	Agency Qualifier C	ode	М	ID 2/2
			Code identifying the	agency assigning the code values		
			ті т	elecommunications Industry		
М	SI02	1000	Service Characteris	stics Qualifier	М	AN 2/2
			Code from an indust characteristics	ry code list qualifying the type of ser	rvice	
			W1 V	VTN Status		
			WT V	Vorking Telephone Number		
М	SI03	234	Product/Service ID		М	AN 1/48
			Identifying number for	or a product or service		
			WTN (AVR-7b) = Wo WTNSTAT (AVR-7c)	orking Telephone Number) = WTN Status		

Segment:	N1 Name
Position:	5760
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*WTNLISTEDNAME
5.6	Data Element Summary

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity	y, a physical location, property or
		IT Installation on Site	
N102	93	Name	X AN 1/60
		Free-form name	
		"WTNLISTEDNAME"	
N2 A 5780 N1 Detail Optional 2 To speci	Additional Name Information Optional ify additional names		
---	--	---	---
N2*LNA	ME (AVR-7d)*LNAME (AVR-7d)(Continued)		
Dete	Data Element Summary		
Element	Name		
93	Name	М	AN 1/60
	Free-form name		
	LNAME (AVR-7d) = Listed Name		
93	Name	0	AN 1/60
	Free-form name		
	LNAME (AVR-7d) = Listed Name (Continued)		
	N2 A 5780 N1 Detail Optional 2 To speci N2*LNA Data Element 93 93	N2 Additional Name Information 5780 N1 Optional Detail Optional 2 To specify additional names N2*LNAME (AVR-7d)*LNAME (AVR-7d)(Continued) Data Element Summary Data Element 93 Name Free-form name LNAME (AVR-7d) = Listed Name 93 Name Free-form name LNAME (AVR-7d) = Listed Name (Continued)	N2 Additional Name Information 5780 Optional Detail Optional 2 To specify additional names N2*LNAME (AVR-7d)*LNAME (AVR-7d)(Continued) Understand Data Element Summary Data Element Name 93 Name M 93 Name O 93 Name O 93 Name O 93 Name O Free-form name LNAME (AVR-7d) = Listed Name O Free-form name LNAME (AVR-7d) = Listed Name (Continued) Name

Segment:	PO1	Baseline Item Data - Near/Multiple Match					
Position:	0100						
Loop:	PO1	Optional					
Level:	Detail						
Max Use:	1						
Purpose:	To speci	fy basic and most frequently used line item data					
Syntax Notes:	1 If PC	0103 is present, then PO102 is required.					
	2 If PC	1105 is present, then PO104 is required.	4				
	4 If eit	ither PO108 or PO109 is present, then the other is required.					
	5 If eit	her PO110 or PO111 is present, then the other is required	ł.				
	6 If eit	her PO112 or PO113 is present, then the other is required	1.				
	8 Ifeit	her PO116 or PO117 is present, then the other is required	ג. ל.				
	9 If eit	her PO118 or PO119 is present, then the other is required	J.				
	10 If eit	her PO120 or PO121 is present, then the other is required					
	11 If eit	her PO122 or PO123 is present, then the other is required	۲. ۲				
Semantic Notes:			1.				
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.					
	2 PO1	01 is the line item identification.	חו	-			
	J POI	each item. For example: Case. Color. Drawing No., U.P.C	. No	5 			
	ISBN	I No., Model No., or SKU.		,			
Notes:	PO1*n*1	*EA***ZZ*MULTIPLENEARMATCH [PO1 Loop may rep	eat I	NMNUM			
		(AVR-59) times]					
	[PO1 Loop for Near Match when ADDRES (AVR-7) = "D" (Multiple Match)]						
		Data Element Summary					
Ref.	Data	Data Liement Summary					
Des.	<u>Element</u>	Name					
Attributes	250	Assigned Identification	0	ANI 1/20			
FOIDI	330	Alphanumeric characters assigned for differentiation with	ບ ນin a	transaction			
		set	iii a	landaotion			
		"n" = nth assigned ID within PO1 Loop					
PO102	330	Quantity Ordered	Х	R 1/15			
		Quantity ordered					
56/00		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 expressed, of manner in which a measurement has been taken						
		EA Each					
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2			
		Code identifying the type/source of the descriptive numb	er us	sed in			
		Product/Service ID (234)					
PO107	234		x	ΔN 1/48			
10107	207	Identifying number for a product or service	~				
		"MULTIPLENEARMATCH"					

Segment:	N9 Reference Identification
Position:	3500
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*L1*LOC*AVR

Data Element Summary

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
М	N901	128	Reference Identification Qualifier	М	ID 2/3
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Tra specified by the Reference Identification Qualifier LOC Location Instructions	Insaction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"AVR"		

Segment:	MTX Text						
Position:	3600						
Loop:	N9 Optional						
Level:	Detail						
Usage:	Optional						
Max Use:	>1						
Purpose:	To specify textual data						
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.						
	2 If MTX03 is present, then MTX02 is required.						
	3 If MTX05 is present, then MTX04 is required.						
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.						
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print",						
	then MTX05 is required.						
Notes:	MTX**DESCRIPTIVE (AVR-89)						
	Data Element Summary						
Ref.	Data						
Des.	Element Name						
<u>Attributes</u>							
MTX02	1551 Message Text	Х	AN 1/4096				

To transmit large volumes of message text DESCRIPTIVE (AVR-89) = Descriptive Address

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*NEARMULTIPLE

Data Element Summary

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

Sy Sema	Segment: Position: Loop: Level: Usage: Max Use: Purpose: mtax Notes: antic Notes:	N2 A 3800 N1 Detail Optional 2 To spect	Additional Name Information Optional I ify additional names		
	Notes:	N2*I NA	ME (AVR-90)*I NAME (AVR-90)(Continued)		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name		
	<u>Attributes</u>				
М	N201	93	Name	Μ	AN 1/60
			Free-form name		
			LNAME (AVR-90) = Listed Name		
	N202	93	Name	0	AN 1/60
			Free-form name		
			LNAME (AVR-90) = Listed Name (Continued)		

Segment:	N4 Geographic Location
Position:	4000
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 (AVR-86)*ZIP (AVR-87)**RJ*CALA (AVR-88)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

<u>ttributes</u>				
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropri agency	ate g	overnment
		STATE (AVR-86) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding blanks (zip code for United States)	punc	tuation and
		ZIP (AVR-87) = 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 (AVR-88) = Customer Address Location Area		

NX2 Location ID Component Segment: Position: 4050 N1 Loop: Optional 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 (AVR-62)

NX2*01*SANO (AVR-62) NX2*02*SASN (AVR-68) NX2*03*SASD (AVR-65) NX2*05*BOX (AVR-84) NX2*06*ROUTE (AVR-83) NX2*07*CITY (AVR-85) NX2*15*ANRANGE (AVR-81) NX2*39*AHN (AVR-80) NX2*40*SASS (AVR-70) NX2*59*SAPR (AVR-61) NX2*61*SASF (AVR-61) NX2*61*SASF (AVR-64) NX2*62*SATH (AVR-69) NX2*96*HNRANGE (AVR-66) NX2*LD1 (AVR-71)*LV1 (AVR-72) NX2*LD2 (AVR-73)*LV2 (AVR-74) NX2*LD3 (AVR-75)*LV3 (AVR-76)

Data Element Summary

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compor	ent Qualifier	Μ	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (AVR-71) = L 13 = (DWS : AF 34 = (DWS : LC 35 = (DWS : RF 36 = (DWS : SF 37 = (DWS : UF 14 = (DWS : SF LD2 (AVR-73) = LC 32 = (DWS : FL	Decation Designator 1 PT) M) LIP) NIT) JIT) Decation Designator 2 R)		
		LD3 (AVR-75) = L 12 = (DWS : BL 63 = (DWS : W 30 = (DWS : PI	ocation Designator 3 .DG) NG) ER)		
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		

Updated: January 21, 2002

	07	City Name		
	12	Building Name		
	12	Apartment Number		
	10	Suite Number		
	14	Unstructured Street Address		
	30	Pier		
	50	The pier at which a chip or heat is do	okoc	1
	22	Floor	CREU	1
	32	A particular floor or lovel of a building		
	34	A particular noor or lever or a building	1	
	54	A particular lot or piece of land		
	35			
	35	A walled room or partitioned area of	o hui	ilding
	26	A walled room of partitioned area of a		liuling
	30	Sup The clip or location on a pior at which		hin or hoat
		is docked	1 a SI	hip or boat
	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		
	96	Range		
		A north-south strip of townships, eacl	h six	miles
		square, numbered east and west, fro	m a	specified
166	Address Informa	meridian in a U.S. public land survey	54	A NI 4/66
100	Address information		IVI	AN 1/55
	Address Informatio	DN Sanvias Address Number		
	SANO(AVR-62) = SASN(AVR-68) =	Service Address Street Name		
	SASD (AVR-65) =	Service Address Street Directional Pr	efix	
	BOX (AVR-84) = E	Box Number		
	ROUTE (AVR-83)	= Rural Route		
	CITY (AVR-85) = 0	City		
	ANRANGE (AVR- AHN (AVR-80) = A	Assigned House Number		
	SASS $(AVR-70) =$	Service Address Street Directional Su	uffix	
	SAPR (AVR-61) =	Service Address Number Prefix		
	SASF $(AVR-64) =$	Service Address Number Suffix		
	SATH $(AVR-69) =$	Service Address Street Type		
	Π NKANGE (AVR- 1 \/1 (A\/R-72) = 1	ocation Value 1		
	LV2 (AVR-74) = 1	ocation Value 2		
	LV3 (AVR-76) = L	ocation Value 3		

Μ

NX202

Segment:	REF	Reference Identification					
Position:	4100	4100					
Loop:	N1 (Optional					
Level:	Detail						
Usage:	Optional						
Max Use:	12						
Purpose:	To speci	fy identifying information					
Syntax Notes:	1 At le	ast one of REF02 or REF03 is required.					
	2 If eit	her C04003 or C04004 is present, then the other is	required.				
•	3 If eit	her C04005 or C04006 is present, then the other is	required.				
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF0	2.				
Comments:							
Notes:							
		RANGEIND (AVIC-07) RANGEIND					
		Data Element Summary					
Ref.	Data						
Des.	Element	Name					
<u>Attributes</u>							
REF01	128	Reference Identification Qualifier	М	ID 2/3			
		Code qualifying the Reference Identification					
		UV Range Number					
		An identifier corresponding to a	range wit	hin a			
		township					
REF02	127	Reference Identification	х	AN 1/30			
			<i>.</i>				
		Reference information as defined for a particular T	ransaction	Set or as			
		Reference information as defined for a particular T specified by the Reference Identification Qualifier	ransaction	Set or as			
		Reference information as defined for a particular T specified by the Reference Identification Qualifier ARANGEIND (AVR-82) = Account Number Range	ransaction	Set or as			
		Reference information as defined for a particular T specified by the Reference Identification Qualifier ARANGEIND (AVR-82) = Account Number Range RANGEIND (AVR-67) = Range Indicator	ransaction Indicator	Set or as			
REF03	352	Reference information as defined for a particular T specified by the Reference Identification Qualifier ARANGEIND (AVR-82) = Account Number Range RANGEIND (AVR-67) = Range Indicator Description	ransaction Indicator X	Set or as AN 1/80			
REF03	352	Reference information as defined for a particular T specified by the Reference Identification Qualifier ARANGEIND (AVR-82) = Account Number Range RANGEIND (AVR-67) = Range Indicator Description A free-form description to clarify the related data el	ransaction Indicator X ements ar	Set or as AN 1/80 and their			
REF03	352	Reference information as defined for a particular T specified by the Reference Identification Qualifier ARANGEIND (AVR-82) = Account Number Range RANGEIND (AVR-67) = Range Indicator Description A free-form description to clarify the related data elecontent	ransaction Indicator X lements ar	Set or as AN 1/80 nd their			
REF03	352	Reference information as defined for a particular T specified by the Reference Identification Qualifier ARANGEIND (AVR-82) = Account Number Range RANGEIND (AVR-67) = Range Indicator Description A free-form description to clarify the related data el content "ARANGEIND"	ransaction Indicator X lements ar	Set or as AN 1/80 nd their			

Segment:	PO1 Baseline Item Data - CALA Match						
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:	S: PO1*n*1*EA***ZZ*CALAMATCH [PO1 Loop may repeat MCNUM (AVR-91)						
	times]						
	[PO1 Loop for Multiple CALA Match when ADDRES (AVR-7) = "E" (Multiple						
	CALA)]						
	Dete Flement Cumment						
Rof	Data Element Summary						
1/61							

Des. Attributes	Element	Name							
PO101 350		Assigned Identification	0	AN 1/20					
		Alphanumeric characters assigned for differentiation within a transaction set							
		"n" = nth assigned ID within PO1 Loop	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 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 number used in Product/Service ID (234) ZZ Mutually Defined							
PO107	234	Product/Service ID	Х	AN 1/48					
		Identifying number for a product or service							
		"CALAMATCH"							

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*MULTIPLECALAMATCH						

Data Element Summary

Data <u>Element</u>	<u>Name</u>			
98	Entity Identifier	Code	Μ	ID 2/3
	Code identifying an individual	an organizational entity, a physical loca	tion,	property or
	IT	Installation on Site		
93	Name		Χ	AN 1/60
	Free-form name			
	"MULTIPLECALA	MATCH"		
	Data <u>Element</u> 98 93	Data ElementName98Entity Identifier Code identifying an individual IT93Name Free-form name"MULTIPLECALA"	Data Name 98 Entity Identifier Code 06 Code identifying an organizational entity, a physical local an individual IT Installation on Site 93 Name Free-form name "MULTIPLECALAMATCH"	Data Name 98 Entity Identifier Code M Odde identifying an organizational entity, a physical location, an individual IT Installation on Site 93 Name X Free-form name "MULTIPLECALAMATCH"

Segment:	N4 G	eographic Location						
Position:	4000							
Loop:	N1 (Dptional						
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							
	be a	be adequate to specify a location.						
Notoo	2 N402 is required only if city name (N401) is in the U.S. or Canada.							
Notes:	N4^^^^RJ^CALA (AVR-92)							
	Data Element Summary							
Ref.	Ref Data							
Des.	Element	Name						
Attributes								
N405 309		Location Qualifier		ID 1/2				
		Code identifying type of location						
		RJ Region						
N406 310 Location Identifier O				AN 1/30				
		Code which identifies a specific location						
	CALA (AVR-92) = Customer Address Location Area							

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

Total number of line items in the transaction set

М

	Segment:	SE T	ransaction Set Trailer					
	Position: Loop:	0300						
	Level:	Summar	y l					
	Usage: Max Use:	Mandato	ry					
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE)						
s	Syntax Notes: emantic Notes:	U	, ,					
	Comments:	1 SE is the last segment of each transaction set.						
	Notes:	SE*No of Segments*TRAN SET CONTROL #						
			Data Element Summary					
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name					
М	SE01	96	Number of Included Segments	М	N0 1/10			
			Total number of segments included in a transaction set and SE segments	inclu	ding ST			
Μ	SE02	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	e tran	saction set			