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# 47. UNE CENTREX 21(P or STAR)

# **47.1 Business Description**

For UNE Centrex 21 (P or STAR) service a CLEC may order a preexisting or new combination of Network Elements for a finished service. Such combinations of a 2-wire Analog Loop, Unbundled Analog Switch Port, Shared Transport and station features shall be ordered and converted to the CLEC. ISDN service will not be offered with UNE Centrex 21 (P or STAR).

Centrex 21 Unbundled Elements:

- 2-wire Analog Loop
- Analog Line-side Port
- Shared Transport

The following forms will be used between QWEST and the CLEC for UNE Centrex 21 (P or STAR) ordering purposes:

- LSR Local Service Request
- EUI End User Information
- CRS Centrex Resale Service (CX for EDI Mapping Examples and Data Dictionary)
- DL Directory Listing

The following Order Activity Matrices define the available Order, Line and Listing Activities for UNE Centrex 21 (P or STAR):

#### Combining Order, Line and Listing Activity

#### Business Rules for Combining Order, Line, and/or Listing Activity for **UNE Centrex 21 (P or STAR)**

		ity Definition			
Req Type	ACT	Definition	Application	LNA	Forms required
MB	N	New Installation	New service at premises.	Ν	LSR, EU, CRS, DL
	D	Disconnect	Disconnect all services at the account level with transfer of calls	D	LSR, EU, CRS
			Disconnect all services at the account level with no transfer of calls	Not Applicable	LSR, EU, CRS
	W	Conversio n As Is	Change LSP with no change to product, service, or Directory Listing	Not Applicable	LSR, EU, CRS
	V	Conversio n As Specified	Change LSP with changes to UNE Centrex 21 (P or STAR) service or Directory Listing	V, N, D	LSR, EU, CRS, DL
			Change of a product* to UNE Centrex 21 (P or STAR) (with or without change to LSP)	V, N, D	LSR, EU, CRS, DL If converting from UNE service and porting number, additional LSR required: LSR, EU, LNP
	Z	Conversio n As Specified, No Directory	Change LSP with change to UNE Centrex 21 (P or STAR) service and no change to Directory Listing	V, N, D	LSR, EU, CRS
		Listing	Change of a product* to UNE Centrex 21 (P or STAR) with no change to Directory Listing (with or without change to LSP)	V, N, D	LSR, EU, CRS If converting from UNE service and porting number, additional LSR required: LSR, EU, LNP

Req Type	ACT	Definition	Application	LNA	Forms required
MB	С	Change	Change to existing service, add/remove features, add/remove line(s) to existing service/account, PIC/LPIC change, change/add/remove Directory Listing, change billing information, change telephone number	N, C, D, X, P	LSR, EU, CRS DL (required only if making directory listing changes)
	Т	Outside Move	Outside move of end user location, may include changes (as indicated by LNA= N) to the UNE Centrex 21 (P or STAR) service	T, N, D	LSR, EU, CRS, DL
	L	Seasonal Suspend	Seasonal Suspend of an end user service who has elected temporary interruption of service	L	LSR, EU, CRS
	Y	Deny	Denial of an end user service	Not Applicable	LSR, EU, CRS
	В	Restore	Restore of an end user service that was previously denied or seasonal suspend	Ĺ	LSR, EU, CRS
	R	Record	Not Allowed	Not Applicable	
	М	Inside Move	Not Allowed	Not Applicable	

\*The following products may be converted to UNE Centrex 21 (P or STAR):

- Any dial tone based Resale Service
- Any dial tone based UNE-P or STAR Service
- Any Unbundled Loop
- EEL

Line Activity

LNA	Definition	Application
N	New Line.	New line at premises.
		FA must equal N.
D	Line	A disconnection of a station line or feature.
	Disconnect.	CRS - FA (Feature Activity) is used to delete
		lines and features and include applicable
		charges (i.e. transfer of calls). (FA = N (if TC
		OPT = S or T on CRS) or D).
W	Conversion	CRS - FA (Feature Activity) is not allowed.
	As Is	
V	Line	Change LSP with changes to line or Directory
	Conversion As Specified	Listing
	As Specified	All fields on the CRS Form must be specified.
		CRS - FA must specify 'Conversion to LSP'
		(FA = V), 'New feature or charge' (FA = N), or
		'Feature Disconnect' (FA=D).
С	Change	A change to a line with only the changed
		fields populated.
		CRS - FA can be 'Add/Install' (FA = N), '
		Change Old' (FA = C), ' Disconnect' (FA = D),
		or 'Change New' ( $FA = C$ ), Disconnect ( $FA = D$ ),
		changes, use $FA = N \& D$ . If the USOC is
		staying the same and FID or FID Detail is
		changing, use FA = C & T.
X		
Х	Phone Number	This LNA should only be used for Number
	Change	Changes without any other activity.
	Change	FA entries would not be appropriate. If
		Number Changes occur with other activity, an
		LNA=C should be used.
Р	PIC Change	P = PIC Change. This LNA should only be
		used for PIC changes without any other
		activity.
		FA entries would not be appropriate. If PIC
		Changes occur with other activity, an LNA of
		C should be used.
L	Seasonal	Seasonal Suspend of an end user line who
	Suspend	has elected temporary interruption of service.
<b>—</b>	Outoido	CRS - FA (Feature Activity) is not allowed.
Т	Outside Move within	An outside move of a station line within the same Central Office.
	the Central	
	Office	CRS form - FA can be 'Disconnect' (FA = D)
		or 'Add/Install' ( $FA = N$ ).

#### LISTING ACTIVITIES

LACT	Definition	Application
N	New Listing	The DL form must specify all details about a
		new listing.
D	Delete	The DL form must indicate the ALI code, the
	existing	listing name and text information to ensure the
	listing	correct listing is deleted. A main listing cannot be deleted.
	Change	Change activity is only valid if the person or
•	existing	business and book are staying the same, and
	listing (new	just the details of the listing are changing. For
	data)	example, if a person is changing their name,
		this would be a change of the listing.
		Otherwise, a delete and new must be used.
		Must have both an 'I' and an 'O' activity in
		order to specify a listing change. The 'O'
		activity should come before the 'I' activity. An
		associated DL form for the same listing with
		the listing activity of 'O' is required.
0	Change existing	Change activity is only valid if the person or
	listing (old	business and book are staying the same, and just the details of the listing are changing.
	data)	Otherwise, a delete and new must be used.
	,	
		Must have both an 'I' and an 'O' activity in
		order to specify a listing change. The 'O'
		activity should come before the 'l' activity. An
		associated DL form for the same listing with the listing activity of 'I' is required.
Z	No change to	Only allowed on a conversion as specified
_	existing	(ACT = V) or an outside move $(ACT = T)$ . The
	listing	DL form must indicate the ALI code (if not a
		main list) and RTY for the listing to remain the
		same, along with the listing name and text
		information to ensure the correct listing is
		referenced.

# 47.2 Business Model

See Appendix H

# 47.3 Developer Worksheets

See Appendices B and C – Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
UNE P Centrex 21 Request	850UCX21
UNE P Centrex 21 Supplemental	860UCX21
Status Update – Auto Push	855SU
Firm Order Confirmation	855FOC
Firm Order Confirmation on Supplemental	865FOC
Non Fatal Error Response	855NF
Non Fatal Error Response on Supplemental	865NF
Fatal Error Response	855FATAL
Fatal Error Response on Supplemental	865FATAL
Jeopardy	865JEOP
Completion	865COMP

# 47.4 Trading Partner Access Information

## Order Submittal

The process begins with an EDI Trading Partner Access Information being passed between Qwest and the Co-Provider. The order request is transmitted by the Co-Provider via the EDI 850/860 format. Qwest will translate and forward the data to the internal application system. The request may activate the following responses:

- <u>Firm Order Confirmation (FOC)</u> an indicator to the Co-Provider that the order has been accepted and successfully entered into the Qwest Service Order Processor systems.
- <u>Order Completion</u> notification returned to the Co-Provider when a service request is completed.
- <u>Error/Jeopardy Notification</u> notification to the Co-Provider of Fatal and/or Non-Fatal errors, detected either manually or by the system. Fatal errors prevent the order from processing. Non-Fatal errors occur after the order has successfully processed through the IMA system. Jeopardy Notifications will be issued if Qwest has a problem meeting the commitment on the local service request.

# 47.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

Separate maps have been created per ordering function. EDI envelopes are used for the initiation of translation processing and to invoke the correct map. In order to optimize interactive performance, the Co-Provider and Qwest agree to include only one transaction set per Functional Group, and one Functional Group per Interchange.

The Interchange envelope provides the Interchange Sender ID and Receiver ID information for EDI transport to deliver the transmission for external routing. The Functional Group Envelope routes the enclosed transaction set's output after translation to a specific application or application interface.

The Application Sender's Code (GS02) and Receiver's Code (GS03) are the linkage from the Functional Group Envelope to the translator's trading partner profile/relationship database in which the proper mapping and routing information are stored. In addition, the Functional Identifier Code (GS01) is the code identifying a group of application related transaction sets.

# 47.4.2 ISA TABLE INFORMATION

### ANSI X12 ISA and IEA definitions:

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

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

	SENT TO Qwest	RECEIVED FROM Qwest	
ISA01	'00' (No Authorization information present)	<b>'00'</b> (No Authorization information present)	
ISA02	Spaces (Authorization information)	Spaces (Authorization information)	
ISA03	'00' (No Security information is present)	<b>'00'</b> (No Security information is present)	
ISA04	Spaces (Security Information)	Spaces (Security information)	
ISA05	Co-Provider TP qualifier	<b>'ZZ'</b> (Mutually Defined)	
ISA06	Co-Provider TP ID	<b>'QWESTO'</b> ( <u>Note</u> : This Trading partner ID is used only for QWEST order and post- order transactions. The "O" is the unique identifier.)	
ISA07	<b>'ZZ'</b> (Mutually Defined)	Co-Provider TP qualifier	
ISA08	<b>'QWESTO'</b> ( <u>Note</u> : This Trading partner ID is used only for QWEST order and post-order transactions. The "O" 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	<b>'U'</b> (U.S. EDI Community of ASC X-12, TDCC, and UCS)	<b>'U'</b> (U.S. EDI Community of ASC X-12, TDCC, and UCS)	
ISA12	<b>'00402'</b> (Interchange Version ID)	'00402' (Interchange Version ID)	
ISA13	Sender's translator assigned sequential control number	ol Sender's translator assigned sequential control number	
ISA14	<b>'0'</b> (No acknowledgment requested)	'0' (No acknowledgment requested)	
ISA15	<b>'P'</b> (Production data)	<b>'P'</b> (Production data)	
ISA16	<b>'0x1f'</b> (Sub-element Separator)	<b>'0x1f'</b> (Sub-element Separator)	

# 47.4.3 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	<i>Time of the functional group. HHMM (24 hour clock)</i>	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	<b>'004020'</b> (Version)	<b>'004020'</b> (Version)

#### GS Table

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

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Service Request	Receive	850UCX21	PO	Co-Provider TP ID	UCX2190
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	855FOC	PR	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	855NF	PR	NF90	Co-Provider TP ID
Fatal Error Response	Send	855FATAL	PR	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	COMP90	Co-Provider TP ID

### **Supplemental Order**

Once an order has been initiated and received by Qwest the Co-Provider may submit an 860 Purchase Order Change Request to cancel, correct, or change the original order. In response to receiving the 860 request from the Co-Provider, Qwest will transmit Functional Acknowledgments (997) and Purchase Order Change Acknowledgments (865).

# GS Table (Supplemental)

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Supplemental	Receive	860UCX21	PC	Co-Provider TP ID	UCX2190
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	865FOC	CA	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	865NF	CA	NF90	Co-Provider TP ID
Fatal Error Response	Send	865FATAL	CA	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	СОМР90	Co-Provider TP ID

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

# 47.4.4 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")
- HEX 0A = linefeedSegment Separator:

## **Qwest Specific Fields**

Order fields that are specific to the Qwest implementation were added to selected OBF forms and are indicated by an alpha following the field number, i.e., EU-19a (AHN). These fields are not defined in the OBF form for the corresponding LSOG issue.

### **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).

· · · · · · · · · · · · · · · · · · ·					
OBF FORM	OBF ISSUE	EDI SOSC ISSUE	X12 STANDARD		
End User	LSOG 5 and LSOG 3 (When Applicable)	ELMS 5	004020		
Local Service Request	LSOG 5	ELMS 5	004020		
Directory Listing	LSOG 5	ELMS 5	004020		
Centrex 21	LSOG 5	ELMS 5	004020		
Status Updates			004020		
Firm Order Confirmation			004020		

#### **Industry Standards Table:**

Non Fatal Error Response		004020
Fatal Error Response		004020
Jeopardy		004020
Completion		004020

# 47.5 Mapping Examples

# 47.5.1 850 UNE CENTREX 21 (P or STAR) Mapping Example (850UCX21) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
<b>Bold/Italics</b> = Developer's Worksheet Element	PON
Superscript = Developer's Worksheet Ref # DWS used in this mapping example:	LSR-1
LSR=Local Service Request EU=End User CX=Centrex Resale Services DL=Directory Listing	
Italics = Literal	GOOD
<u>Underline</u> = Apply code conversion, used with <b>Bold/Italics</b> Code conversion tables can be found in the data dictionary of this disclosure.	<u>ACT</u>
[] = Segment notes for this line	[SI Segment repeats]
() = Element notes for this line	(This element states)
n	Counter 1n
* = Element separator in this example and related data dictionary.	= Actual element separator in an EDI transaction.
> = Sub-element separator in this example and related data dictionary.	non-printable characters of "0x1f" = Actual sub-element separator in an EDI transaction.

ST\*850\*TRAN SET CONTROL # BEG\*00\*SS\***PON**<sup>LSR-2</sup>\*\*PO Date(See Trading Partner Access Information) REF\*11\***AN**<sup>LSR-7</sup>\*AN REF\*11\* NAN REF\*11\***EAN**<sup>EU-40</sup>\*EAN REF\*AO\***APT CON**LSR-15a REF\*JB\* **PROJECT**LSR-20 REF\*SU\***RTR**LSR-28\*RTR REF\*CO\* **RPON**LSR-51\* RPON REF\*1V\*RORD<sup>LSR-52</sup>\*RORD REF\*12\*BAN1<sup>LSR-61</sup>\*BAN1 PAM\*T5\**LOCQTY*<sup>LSR-5</sup>\*EA PAM\*48\**PG\_of\_*<sup>LSR-10</sup>(1<sup>st</sup> 2 Bytes)\*EA PAM\*47\**PG\_of\_*<sup>LSR-10</sup>(2<sup>nd</sup> 2 Bytes)\*EA PAM\*KC\***DQTY**<sup>EU-5</sup>\*EA PAM\*QO\***RSQTY**CX-3\*EA PAM\*BH\***DDQTY**DL-23\*EA PAM\*QU\* HTQTYLSR-6\*EA [If this segment appears then  $EXP^{LSR-26} = "Y"$ ] SAC\*N\*\*TI\*EXP DTM\*097\***D/TSENT**{CCYYMMDD}<sup>LSR-12</sup>\***D/TSENT**{HHMM} DTM\*150\***DDD**{CCYYMMDD}<sup>LSR-14</sup>\*\*\*TM/RTM\***APPTIME**{HHMM]-HHMM]}<sup>LSR-15</sup> DTM\*992\*\*\*\*TM\***DFDT**{HHMM}<sup>LSR-19</sup> DTM\*270\***DATED**{CCYYMMDD} DTM\*151\***DDDO**{CCYYMMDD}

PO1\*n\*1\*EA\*\*\*ZZ\*EU\_SA [PO1 Loop may repeat] SI\*TI\*OP\***WSOP**<sup>EU-31</sup>\*TN\***WSOP TEL NO**<sup>EU-31</sup>a PID\*S\*\*TI\*ANV\*\*\*SO-RSQ\*ANV REF\*IX\* LOCNUM EU-7\*LOCNUM N9\*L1\*ACC\*EU MTX\*\***ACC**<sup>EU-30</sup> N1\*IT\* NAMEEU-8 N4\*\*STATE<sup>EU-25</sup>\*ZIP<sup>EU-26</sup>\*\*RJ\*CALA<sup>EU-26a</sup> NX2\*01\***SANO**EU-11 NX2\*02\***SASN**EU-14 NX2\*03\***SASD**EU-13 NX2\*05\* **BOX**EU-23c NX2\*06\* ROUTEEU-23b NX2\*07\* CITYEU-24 NX2\*39\***AHN**EU-23a

### End User Form (Location and Access Section)

SI\*TI\*RE\***REQTYP**LSR-23 SI\*TI\*AA\*<u>ACT</u><sup>LSR-24</sup> SI\*TI\*LO\***LST**<sup>LSR-42</sup> SI\*TI\*LS\**LSO*<sup>LSR-43</sup> SI\*TI\*TY\***TOS**LSR-44 SI\*TI\*IW\**IWO*EU-36 SI\*TI\*CB\***CB**CX-7 SI\*TI\*CL\* COSCX-28a PID\*S\*\*TI\*AH\*\*\*SO-RSQ\*CHCLSR-22 PID\*S\*\*TI\*CONVIND\*\*\*SO-RSQ\*<u>CONVIND</u>LSR-24a PID\*S\*\*TI\*AO\*\*\*SO-RSQ\*AGAUTHLSR-PID\*S\*\*TI\*BI\*\*\*SO-RSQ\*FBI PID\*S\*\*TI\*PENDING\*\*\*SO-RSQ\* PENDING ORDER N9\*H7\*ORI\**EU*\*\*\*\*2W>**MANUAL IND**<sup>EU-63a</sup> MTX\*\***REMARKS**<sup>EU-63</sup> N9\*H7\*ORI\* LSR\*\*\*\*2W>MANUAL IND MTX\*\***REMARKS**LSR-108 N1\*78\* CCNA LSR-1 PER\*AG\* INIT<sup>LSR-81</sup>\*TE\*TEL NO<sup>LSR-82</sup>\*FX\* FAX NO<sup>LSR-84</sup>\*EM\*EMAIL<sup>LSR-83</sup> PER\*CN\* IMPCON<sup>LSR-91</sup>\*TE\* TEL NO<sup>LSR-92</sup>\*BN\*PAGER PER\*AL\*ALT IMPCON<sup>LSR-94</sup>\*TE\*TEL NO<sup>LSR-95</sup>\*BN\*PAGER<sup>LSR-96</sup> N1\*AN\*AUTHNM<sup>LSR-37</sup> N1\*X1\*BILLNM<sup>EU-43</sup> N2\*SBILLNM N4\*\*STATE<sup>EU-49</sup>\*ZIP<sup>EU-50</sup> NX2\*01\***SANO**EU-45b NX2\*02\***SASN**EU-45e NX2\*03\***SASD**EU-45d NX2\*07\* *CITY*EU-48 NX2\*32\**FLOOR*<sup>EU-46</sup> NX2\*35\* ROOM/MAIL STOPEU-47 NX2\*40\* SASSEU-45g NX2\*59\***SAPR**<sup>EU-45a</sup> NX2\*61\***SASF**EU-45c NX2\*62\***SATH**EU-45f PER\*BI\* **BILLCON**<sup>EU-51</sup>\*TE\***TEL NO**<sup>EU-52</sup> SI\*TI\*AF\***AFT**<sup>EU-44a</sup>

PO1\*n\*1\*EA\*\*\*ZZ\**CX* SI\*TI\*NQ\**NPI<sup>CX-32</sup>* SI\*TI\*SA\**LNA*<sup>CX-33</sup> SI\*TI\*TN\*TNSCX-35 SI\*TI\*OT\***OTN**CX-38 SI\*TI\*T6\***TC OPT**CX-56a SI\*TI\*TS\*<u>SGNL</u>CX-58 SI\*TI\*AT\**LTC*<sup>CX-45</sup> SI\*TI\*TQ\***TLI**<sup>CX-36a</sup> SI\*TI\*T5\*TERSCX-36 SI\*TI\*LZ\***LSCP**CX-46 PID\*S\*\*TI\*AG\*\*\*SO-RSQ\* NIDRCX-63a REF\*IX\**LOCNUM*<sup>CX-29</sup>\**LOCNUM* REF\*IX\**LNUM*<sup>CX-30</sup>\**LNUM* REF\*AE\***SAN**CX-54 DTM\*376\***TC PER**{CCYYMMDD} N9\*H7\*ORI\* CX\*\*\*\*2W>MANUAL INDCX-68b MTX\*\***REMARKS**CX-68a N1\*P9\*\*41\* **PIC**CX-41 N1\*8V\*\*41\**LPIC*CX-42 SLN\*TCPRI\*n\*A\*1\*EA SI\*TI\*TC\***TC TO PRI**CX-56b N1\*TT\***TC NAME**CX-56d REF\*55\*TCIDCX-56c\*PRI SLN\*TCSEC\*n\*A\*1\*EA [SLN Loop may repeat] SI\*TI\*TC\*TC TO SEC N1\*TT\*TC NAMECX-56g

**CENTREX Resale Service (Details Section)** 

PO1\*n\*1\*EA\*\*\*ZZ\*EU\_DISC SI\*TI\*ND\***DISC NBR**EU-55 SI\*TI\*T6\***TC OPT**EU-57 REF\*IX\* DNUM EU-54\* DNUM DTM\*376\***TC PER**{CCYYMMDD}<sup>EU-62</sup> SLN\*TCPRI\*n\*A\*1\*EA SI\*TI\*TC\***TC TO PRI**EU-58 N1\*TT\***TC NAME**EU-58b REF\*55\* TCIDEU-58a\* PRI SLN\*TCSEC\*n\*A\*1\*EA SI\*TI\*TC\***TC TO SEC**EU-59 N1\*TT\*TC NAMEEU-61 REF\*55\***TCID**<sup>EU-60</sup>\*SEC

[PO1 Loop may repeat]

[SLN Loop may repeat]

[PO1 Loop may repeat]

End User Form (Disconnect Information Section)

NX2\*40\***SASS**EU-16 NX2\*59\***SAPR**<sup>EU-10</sup> NX2\*61\***SASF**EU-12 NX2\*62\***SATH**EU-15 NX2\*LD1<sup>EU-17</sup>\*LV1<sup>EU-18</sup> NX2\*<u>LD2</u><sup>EU-19</sup>\*LV2<sup>EU-20</sup> NX2\*<u>LD3</u><sup>EU-21</sup>\*LV3<sup>EU-22</sup> PER\*CA\* LCON<sup>EU-27</sup>\*TE\*TEL NO<sup>EU-28</sup> SI\*TI\*AF\***AFT**<sup>EU-9</sup>

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## REF\*55\*TCIDCX-56f \*SEC

SLN\**BL*\*n\*A\*1\*EA SI\*TI\*BB\***BA**<sup>CX-47</sup>\*TB\***BLOCK**<sup>CX-48</sup>

SLN\*/*W*\*n\*A\* *IWJQ*<sup>CX-65</sup>\*EA\*\*\*\*EQ\**IWJK*<sup>CX-64</sup>

SLN\**FA*\*n\*A\*1\*EA SI\*TI\*SA\*<u>FA</u><sup>CX-66</sup>\*SC\**FEATURE*<sup>CX-67</sup> SI\*TI\*FD\**FEATURE DETAIL*<sup>CX-68</sup> [SLN Loop may repeat per Inside Wiring pair]

[SLN Loop may repeat per FA/FEATURE pair]

[SI Segment may repeat]

## **Regular Hunting**

PO1\*n\*1\*EA\*\*\*ZZ\**HG* SI\*TI\*SA\*<u>HA</u><sup>LSR-112</sup> SI\*TI\*SG\**HID*<sup>LSR-113</sup> SI\*TI\*SF\*<u>HNTYP<sup>LSR-116</sup></u> REF\*IX\**HNUM*<sup>LSR-110</sup>\**HNUM* REF\*IX\**LOCNUM*<sup>LSR-109</sup>\**LOCNUM* SLN\**HNT*\*n\*A\*1\*EA N9\*55\**HTSEQ* MTX\*\**HTSEQ*<sup>LSR-118</sup> [If this segment appears, <u>HNTYP</u><sup>LSR-116</sup> = 5]

# Multi-Line Hunting

[If this segment a

[If this segment appears,  $\underline{HNTYP}^{SR-116} = 4$ ]

PO1\*n\*1\*EA\*\*\*ZZ\* MLSI\*TI\*SA\* $\underline{HA}^{LSR-112}$ SI\*TI\*SG\*  $HID^{LSR-113}$ SI\*TI\*SF\*  $\underline{HNTYP}^{LSR-116}$ SI\*TI\*TQ\* $TLL^{SR-116}$ REF\*IX\*  $HNUM^{LSR-110} + HNUM$ REF\*IX\*  $LOCNUM^{LSR-109} + LOCNUM$ SLN\* MHNT\*n\*A\*1\*EA N9\*55\* HTSEQMTX\*\* $HTSEQ^{LSR-118}$ 

# DL Form (Delivery Address/Information Section)

[PO1 Loop repeats **DDQTY**<sup>DL-23</sup> times]

PO1\*n\*1\*EA\*\*\*ZZ\* DA SI\*TI\*AD\***DACT**<sup>DL-81</sup> QTY\*31\***DIRQTYA**<sup>DL-103</sup>\*DY QTY\*38\***DIRQTYNC**<sup>DL-104</sup>\*DY N1\*DA\**DELNAME* N4\*\***STATE**<sup>DL-99</sup>\***ZIP**<sup>DL-100</sup> NX2\*01\***DDAN0**<sup>DL-85</sup> NX2\*02\***DDASN**<sup>DL-88</sup> NX2\*02\***DDASN**<sup>DL-88</sup> NX2\*07\***CITY**<sup>DL-98</sup> NX2\*18\***DDAL0**<sup>DL-90a</sup> NX2\*18\***DDAL0**<sup>DL-90a</sup> NX2\*40\***DDASS**<sup>DL-90</sup> NX2\*59\***DDAPR**<sup>DL-84</sup> NX2\*61\***DDASF**<sup>DL-86</sup> NX2\*62\***DDATH**<sup>DL-89</sup>

#### **DL Form (Service Details Section)**

PO1\*n\*1\*EA\*\*\*ZZ\**DL*\*SH\**RTY*<sup>DL-12</sup>\*LS\**S0*<sup>DL-56a</sup> [PO1 Loop may repeat] SI\*TI\*LB\**LACT*<sup>DL-10</sup> SI\*TI\*LE\**LTY*<sup>DL-13</sup> SI\*TI\*TW\***STYC**<sup>DL-15</sup> SI\*TI\*BR\*TOA DL-16 SI\*TI\*DG\* DOI SI\*TI\*DN\* DIRNAME DL-34 SI\*TI\*BO\* BRODL-28 SI\*TI\*DU\* **HS**DL-46a SI\*TI\*C3\* HTN<sup>DL-46b</sup> SI\*TI\*C4\* HNSTN<sup>DL-46c</sup> SI\*TI\*C5\**FATN*DL-56c SI\*TI\*C6\**FANSTN*<sup>DL-56d</sup> PID\*S\*\*TI\*AR\*\*\*SO-RSQ\*<u>OMTN</u>DL-41 PID\*S\*\*TI\*AS\*\*\*SO-RSQ\* PID\*S\*\*TI\*AT\*\*\*SO-RSQ\*<u>AD</u>PL-61 PID\*S\*\*TI\*AW\*\*\*SO-RSQ\*<u>DML</u><sup>DL-25</sup> PID\*S\*\*TI\*AX\*\*\*SO-RSQ\* NOSL DL-26 PID\*S\*\*TI\*AY\*\*\*SO-RSQ\*<u>TMKT</u>DL-27 PID\*S\*\*TI\*BA\*\*\*SO-RSQ\* PROF REF\*LI\*ALP N9\*82\**PLA* MTX\*\***PLA**<sup>DL-55</sup> N9\*82\**LTXTY*\***LTXTY**<sup>DL-57</sup> MTX\*\**LTEXT*<sup>DL-59</sup> N9\*82\*FAINFO MTX\*\***FAINFO**DL-56b N9\*H7\*ORI\* DL MTX\*\***REMARKS**DL-113 N9\*82\*HADDR MTX\*\***HADDR**DL-46d N1\*DH\*LISTINGS IN2\*01\**TITLE1*<sup>DL-49</sup>\**TITLE1* IN2\*01\*TITLE1D<sup>DL-52</sup>\*TITLE1D IN2\*02\**LNFN*<sup>DL-46</sup>\**LNFN*<sup>DL-46</sup> IN2\*05\**LNLN*<sup>DL-45</sup> IN2\*10\**TL*<sup>DL-48</sup>\**TL* IN2\*10\**TLD*<sup>DL-51</sup>\**TLD* IN2\*12\* DESD<sup>DL-50a</sup>\*DESD IN2\*18\* *NICK*<sup>DL-54</sup> IN2\*21\* **DES**<sup>DL-47</sup> N4\*\**LAST*<sup>DL-71</sup> NX2\*01\**LANO*<sup>DL-63</sup> NX2\*02\**LASN*<sup>DL-66</sup> NX2\*03\**LASD*<sup>DL-65</sup> NX2\*07\**LALOC*<sup>DL-70</sup> NX2\*18\**LALO*<sup>DL-69</sup> NX2\*40\**LASS*<sup>DL-68</sup> NX2\*59\**LAPR*<sup>DL-62</sup> NX2\*61\**LASF*<sup>DL-64</sup> NX2\*62\**LATH*<sup>DL-67</sup> SI\*TI\*TN\**LTN*<sup>DL-39</sup> SI\*TI\*NS\***NSTN**<sup>DL-40</sup>

[SLN Loop may repeat]

SLN\* *CAPTION*\*n\*A\*11\*EA\*\*\*\*LS\* **SO**<sup>DL-77</sup> SI\*TI\*DG\**LVL*<sup>DL-73</sup> SI\*TI\*DU\**PLS*<sup>DL-74</sup> SI\*TI\*C5\**FATN*<sup>DL-79</sup> SI\*TI\*C3\**PLTN*<sup>DL-76</sup> SI\*TI\*C4\**PLNSTN*<sup>DL-76a</sup> SI\*TI\*C6\**FANSTN*<sup>DL-79a</sup> N9\*82\**FAINFO* MTX\*\**FAINFO*<sup>DL-78</sup> N9\*82\**PLINFO* MTX\*\**PLINFO*<sup>DL-75</sup>

**Important Note:** If none of the above PO1 loops are applicable a "Dummy" PO1 loop is used in this format: PO1\**DUMMY*\*1\*EA\*\*\*ZZ\**DD* 

CTT\*Number of PO1 Segments SE\*Number of Segments\*TRAN SET CONTROL #

# 47.5.2 860 SUPP Specific Fields

The 860 SUPP is identical to the 850 UCX21 except for the following:

ST\*860\*TRAN SET CONTROL # BCH\* $\underline{SUP}^{LSR-25*}SS*PON^{LSR-2**}VER^{LSR-3*}PO$  Date (See Trading Partner Access Information) POC\*n\*RZ\*\*\*\*\*ZZ\*?? Where?? = " $EU_SA$ " or "CX" or "HG" or "ML" or "DA" or "EU\_DISC" POC\*n\*RZ\*\*\*\*\*ZZ\*??\*SH\* $RTY^{DL-12*}LS*SO^{DL-56a}$  Where?? = "DL"

Important Note: A "Dummy" POC loop is not required for 860 transactions

CTT\*Number of POC Segments SE\*Number of Segments\*TRAN SET CONTROL #

# 47.6 Data Dictionary

47.6.1 850 UNE Centrex 21 (P or STAR) Service Request (850UCX21)

# Functional Group ID=PO

#### Introduction:

The 850UCX21 service request will be used by the Co-Provider to initiate a service request for UNE Centrex21 (P or STAR) to Qwest.

This implementation guideline references the following:

- 1. LSOG 5 and Qwest assigned fields
- 2. ANSI ASC X12 Version 4020
- 3. TCIF/SOSC Guidelines, ELMS 5

#### Notes:

This 850 Transaction includes the mappings for Local Service Request, End User, Centrex Resale Services, and Directory Listing.

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop <u>Repeat</u>	Notes and Comments
Μ	0100	ST	Transaction Set Header	М	1		
Μ	0200	BEG	Beginning Segment for Purchase Order	М	1		
	0500	REF	Reference Identification	0	>1		
	0950	PAM	Period Amount	0	10		
			LOOP ID - SAC			25	
	1200	SAC	Service, Promotion, Allowance, or Charge Information	0	1		
	1500	DTM	Date/Time Reference	0	10		
	1850	SI	Service Characteristic Identification	0	>1		
	1900	PID	Product/Item Description	0	200		
			LOOP ID - N9			1000	
	2950	N9	Reference Identification	0	1		
	3000	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	2950	N9	Reference Identification	0	1		
	3000	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3100	N1	Name	0	1		
	3600	PER	Administrative Communications Contact	0	>1		İ
			LOOP ID - N1			200	

3100	N1	Name	0	1	
		LOOP ID - N1			200
3100	N1	Name	0	1	
3200	N2	Additional Name Information	0	2	
3400	N4	Geographic Location	0	>1	
3450	NX2	Location ID Component	0	>1	
3600	PER	Administrative Communications Contact	0	>1	
3650	SI	Service Characteristic Identification	0	>1	

## Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - End User Form (Location and Access Section)	М	1		n1
	0180	SI	Service Characteristic Identification	0	>1		
			Loop ID - PID			1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1		
	3400	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
	4000	PER	Administrative Communications Contact	0	3		
	4050	SI	Service Characteristic Identification	0	>1		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - End User Form (Disconnect Information Section)	М	1		n2
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
	2100	DTM	Date/Time Reference	0	10		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			10	
	5350	N1	Name	0	1		
				-	10		
	5800	REF	Reference Identification	0	12		
	5800	REF	Reference Identification LOOP ID - SLN	0	12	>1	
	5800 4700	REF		0	12	>1	
			LOOP ID - SLN			>1	
	4700	SLN	LOOP ID - SLN Subline Item Detail	0	1	>1	

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5800	REF	Reference Identification	0	12		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Centrex Resale	М	1	n3	
0180	SI	Service Form (Details Section) Service Characteristic Identification	0	>1		
0100	0	LOOP ID - PID	0	~1	1000	
0500	PID		0	1	1000	
0500	PID	Product/Item Description	0	ļ		
1000	REF	Reference Identification	0	>1		
2100	DTM	Date/Time Reference	0	10		
		LOOP ID - N9			1000	
3300	N9	Reference Identification	0	1		
3400	MTX	Text	0	>1		
		LOOP ID - N1			200	
3500	N1	Name	0	1		
		LOOP ID - N1			200	
3500	N1	Name	0	1	200	
3500	INI		0	I		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1	<i>,</i> ,	
4800	SI	Service Characteristic Identification	0	>1		
	0.	LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Regular Hunting	М	1	n4	
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
1000		LOOP ID - SLN	~		>1	
4700	SLN	Subline Item Detail	0	1		
		LOOP ID - N9	~		>1	
5230	N9	Reference Identification	0	1	~1	
5250	110		0	I		

Μ

М

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	5250	MTX	Text	0	>1		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - Multi-Line Hunting	М	1		n5
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	0	1		
	5250	MTX	Text	0	>1		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - DL Form (Delivery	М	1		n6
	0180	SI	Address/Information Section) Service Characteristic Identification	0	>1		
		-	LOOP ID - QTY	-		>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1	~1	
	2000	<u>u</u>				000	
	0500	<b>N</b> 14	LOOP ID - N1	_	4	200	
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
		504	LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - DL Form (Service	М	1	100000	n7
М	0100 0180	PO1 SI		M O	1 >1	100000	n7
Μ			Baseline Item Data - DL Form (Service Details Section)			100000	n7
Μ			Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification				n7
Μ	0180	SI	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID	0	>1		n7
Μ	0180 0500	SI PID	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description	0	>1		n7
Μ	0180 0500	SI PID	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification	0	>1	1000	n7
Μ	0180 0500 1000 3300	si Pid Ref	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9	0 0 0	>1 1 >1	1000	n7
Μ	0180 0500 1000 3300	SI PID REF N9	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0 0	>1 1 >1 1 1 1	1000	n7
Μ	0180 0500 1000 3300	SI PID REF N9	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification	0 0 0	>1 1 >1 1 1 1	1000	n7
Μ	0180 0500 1000 3300 3400	SI PID REF N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9	0 0 0 0	>1 1 >1 1 >1	1000	n7
Μ	0180 0500 1000 3300 3400 3300	SI PID REF N9 MTX N9	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0 0 0	>1 1 >1 1 >1 1 >1	1000 1000 1000	n7
Μ	0180 0500 1000 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1	1000	n7
Μ	0180 0500 1000 3300 3400 3400 3400	SI PID REF N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification		>1 1 >1 1 >1 1 >1 1 >1	1000 1000 1000	n7
М	0180 0500 1000 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1	1000 1000 1000	n7
М	0180 0500 1000 3300 3400 3400 3300 3400	SI PID REF N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1 1 >1	1000 1000 1000	n7
М	0180 0500 1000 3300 3400 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification		>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 ]	1000 1000 1000	n7
М	0180 0500 1000 3300 3400 3400 3300 3400	SI PID REF N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1 1 >1	1000 1000 1000 1000	n7
М	0180 0500 1000 3300 3400 3300 3400 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 >1	1000 1000 1000	n7
М	0180 0500 1000 3300 3400 3300 3400 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 ]	1000 1000 1000 1000	n7
Μ	0180 0500 1000 3300 3400 3300 3400 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 >1	1000 1000 1000 1000	n7

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		LOOP ID - N1			200	
3500	N1	Name	0	1		
3650	IN2	Individual Name Structure Components	0	>1		
3800	N4	Geographic Location	0	1		
3850	NX2	Location ID Component	0	>1		
3860	SI	Service Characteristic Identification	0	1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N9			>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		
		LOOP ID - N9			>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data	М	1	n8	

## Summary:

Μ

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1		n9
М	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. PO102 is required.
- 6. PO102 is required.
- 7. PO102 is required.
- 8. PO102 is required.
- **9.** The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

	Segment:	ST 1	ransaction Set Header						
	Position: Loop:	0100							
	Level: Usage: Max Use:		Heading Mandatory						
Sv	Purpose: ntax Notes:	To indica	ate the start of a transaction set and to assign a control n	umb	er				
	antic Notes:	routi trans Set) <b>2</b> The	routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).						
		appi	slation routines of the interchange partners to select the opriate implementation convention to match the transact nition.	ion s	et				
	Comments: Notes:		TRAN SET CONTROL #						
			Data Element Summary						
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name						
Μ	ST01	143	Transaction Set Identifier CodeCode uniquely identifying a Transaction Set850Purchase Order	М	ID 3/3				
Μ	ST02	329	Transaction Set Control Number Identifying control number that must be unique within th set functional group assigned by the originator for a tran						

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	0200 Heading Mandato 1 To indica transmit 1 BEG	ate the beginning of the Purchase Order Transaction Set identifying numbers and dates 05 is the date assigned by the purchaser to purchase ord	der.	
	Notes:	BEG*00'	SS*PON(LSR-2)**PO Date (See Trading Partner Access	s Info	ormation)
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
м	BEG01	353	Transaction Set Purpose Code	м	ID 2/2
			Code identifying purpose of transaction set 00 Original		
М	BEG02	92	Purchase Order Type Code	М	ID 2/2
			Code specifying the type of Purchase OrderSSSupply or Service Order		
Μ	BEG03	324	Purchase Order Number	Μ	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
м	BEG05	373	PON(LSR-2) = Purchase Order Number Date	м	DT 8/8
IVI	DEG05	313	Date expressed as CCYYMMDD	IVI	0/0
			PO Date = Purchase Order Date (See Trading Partner / Information)	Acce	SS

Segment:	<b>REF</b> Reference Identification
Position: Loop:	0500
Level: Usage:	Heading Optional
Max Use: Purpose: Syntax Notes:	<ul> <li>&gt;1</li> <li>To specify identifying information</li> <li>1 At least one of REF02 or REF03 is required.</li> </ul>
	<ul> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ul>
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*11*AN(LSR-7)*AN REF*11*NAN(LSR-7a)*NAN REF*11*EAN(EU-40)*EAN REF*AO*APT CON(LSR-15a) REF*JB*PROJECT(LSR-20) REF*SU*RTR(LSR-28)*RTR REF*CO*RPON(LSR-51)*RPON REF*1V*RORD(LSR-52)*RORD REF*12*BAN1(LSR-61)*BAN1

#### **Data Element Summary**

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	REF01	128		ification Qualifier	Μ	ID 2/3
				he Reference Identification		
			11	Account Number		
				Number identifies a telecommunicat	ions i	ndustry
			10	account		
			12	Billing Account		
				Account number under which billing	is rer	ndered
			1V	Related Vendor Order Number		
				A vendor's order number that is in a	dditio	n to a
			AO	primary order number Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			JБ SU	Special Processing Code		
			30		الم مر م	i e e
				Unique code identifying the special l requirements for the claim	handi	ing
	REF02	127	Reference Ident	•	х	AN 1/30
			Reference inform	ation as defined for a particular Transa	action	Set or as
			specified by the I	Reference Identification Qualifier		
			AN(LSR-7) = Ac			
				New Account Number		
				Existing Account Number 5a) = Appointment Confirmation		
			```	20) = Project Identification		
				Response Type Requested		
				Related Purchase Order Number		
			RORD (LSR-52)	= Related Order Number		
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		BAN1(LSR-61) = Billing Account Number 1			
REF03	352	Description	Х	AN 1/80	
		A free-form description to clarify the related data elements and their content			
		"AN"			
		"NAN"			
		"EAN"			
		"RTR"			
		"RPON"			
		"RORD"			
		"BAN1"			

# 

Segment:	PAM Period Amount						
Position:	0950						
Loop:							
Level:	Heading						
Usage:	Optional						
Max Use:							
Purpose:	To indicate a quantity, and/or amount for an identified period						
Syntax Notes:	1 If any of PAM01 PAM02 or PAM03 is present, then all are required.						
	2 At least one of PAM02 PAM05 or PAM14 is required.						
	<b>3</b> If either PAM04 or PAM05 is present, then the other is required.						
	4 If either PAM06 or PAM07 is present, then the other is required.						
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is						
	required.						
	6 If PAM07 is present, then PAM06 is required.						
	7 If PAM08 is present, then PAM07 is required.						
	<ul> <li>8 If PAM09 is present, then PAM07 is required.</li> <li>9 If PAM10 is present, then at least one of PAM11 or PAM12 is</li> </ul>						
	9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.						
	<b>10</b> If PAM11 is present, then PAM10 is required.						
	<b>11</b> If either PAM13 or PAM14 is present, then the other is required.						
Semantic Notes:	1 PAM10, PAM11, or PAM12 are used when two dates are required.						
	2 PAM15 indicates whether the monetary amount identified in PAM05						
	is a net or gross value. A "Y" indicates amount is a gross value; an						
	"N" indicates amount is a net value.						
Comments:							
Notes:	PAM*T5*LOCQTY(LSR-5)*EA						
	PAM*48*PG_of_(LSR-10)(1st 2 Bytes)*EA						
	PAM*47*PG_of_(LSR-10)(2nd 2 Bytes)*EA						
	PAM*KC*DQTY(EU-5)*EA						
	PAM*QO*RSQTY(CX-3)*EA						
	PAM*BH*DDQTY(DL-23)*EA						
	PAM*QU*HTQTY(LSR-6)*EA						
	Data Element Summary						

Ref.	Data		,		
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
PAM01	673	Quantity Qua	lifier	Х	ID 2/2
		Code specifyin	ng the type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a a previously transmitted quantity, a have been made		
		QO	Operating Quantity		
		QU	Quantity Serviced		
		T5	Total Number of Units		
PAM02	380	Quantity		Х	R 1/15
		Numeric value	e of quantity		
		LOCQTY(LSF	R-5) = Location Quantity		
		First 2 bytes o	f PG_of_(LSR-10)		
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		Second 2 bytes of PG_of_(LSR-10) DQTY(EU-5) = Disconnect Quantity RSQTY(CX-3) = Resale Quantity DDQTY(DL-23) = Number of Delivery Segments HTQTY(LSR-6) = Hunt Group Quantity		
PAM03	C001	Composite Unit of Measure	Х	
		To identify a composite unit of measure (See Figure examples of use)	res Appei	ndix for
C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each			

Μ

Sagmanti	SAC Service, Promotion, Allowance, or Charge Information
Segment: Position:	
Loop:	1200 SAC Optional
Level:	Heading
Usage:	Optional
Max Use:	
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	<ol> <li>At least one of SAC02 or SAC03 is required.</li> <li>If either SAC03 or SAC04 is present, then the other is required.</li> <li>If either SAC06 or SAC07 is present, then the other is required.</li> <li>If either SAC09 or SAC10 is present, then the other is required.</li> <li>If SAC11 is present, then SAC10 is required.</li> <li>If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li> <li>If SAC14 is present, then SAC13 is required.</li> <li>If SAC16 is present, then SAC15 is required.</li> </ol>
Semantic Notes:	1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or
	<ul> <li>SAC08 is required.</li> <li>SAC05 is the total amount for the service, promotion, allowance, or charge.</li> </ul>
	If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3 SAC08 is the allowance or charge rate per unit.
	4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
	SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	<ul><li>5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a</li></ul>
	specific reference number as identified by the code used.
	6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
Commenter	<ul> <li>7 SAC16 is used to identify the language being used in SAC15.</li> <li>1 SAC04 may be used to uniquely identify the continuous promotion.</li> </ul>
Comments:	<ol> <li>SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.</li> </ol>
	<ul><li>2 In some business applications, it is necessary to advise the trading</li></ul>
	partner of the actual dollar amount that a particular allowance,
	charge, or promotion was based on to reduce ambiguity. This
	amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" -
Notes:	Dollars in SAC09. SAC*N**TI*EXP [If this segment appears then EXP(LSR-26) = "Y"]
Notes.	
	Data Element Summary
Ref.	Data
	<u>Element</u> <u>Name</u>
<u>Attributes</u> SAC01	248 Allowance or Charge Indicator M ID 1/1
	Code which indicates an allowance or charge for the service specified
	N No Allowance or Charge
ndatadi Marah 11, 2002	Owert Communications International Inc. 24

М

SAC03	559	Agency Qualifie	er Code	Х	ID 2/2
		Code identifying the agency assigning the code values			
		TI	Telecommunications Industry		
SAC04	1301	Agency Service Code	e, Promotion, Allowance, or Charge	Х	AN 1/10
		Agency maintain or charge	ed code identifying the service, promot	ion,	allowance,
		EXP	Expedited Service Charge		

Segment:

# **DTM** Date/Time Reference

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

1500
Heading Optional
10
To specify pertinent dates and times
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

М

Notes:

DTM\*150\*DDD{CCYYMMDD}(LSR-14)\*\*\*TM/RTM\*APPTIME {HHMM[-HHMM]}(LSR-15)

DTM\*097\*D/T SENT{CCYYMMDD}(LSR-12)\*D/T SENT{HHMM}(LSR-12) DTM\*992\*\*\*TM\*DFDT{HHMM}(LSR-19) DTM\*270\*DATED{CCYYMMDD}(LSR-36) DTM\*151\*DDDO{CCYYMMDD}(LSR-16)

#### **Data Element Summary**

Ref.	Data		-		
Des.	<u>Element</u>	<u>Name</u>			
Attributes DTM01	374	Date/Time Qua	lifier	м	ID 3/3
DINIOT	5/4		type of date or time, or both date and tir		10 5/5
		097	Transaction Creation	ne	
		150 151	Service Period Start		
			Service Period End		
		270	Date Filed		
DTMAA	070	992 Data	Date Requested	v	DT 0/0
DTM02	373	Date		Х	DT 8/8
		•	as CCYYMMDD		
			12) = Date Sent		
			Desired Due Date		
		DATED(LSR-36	) = Date of Agency Authorization		
		. ,	= Desired Due Date Out		
DTM03	337	Time		Х	TM 4/8
			in 24-hour clock time as follows: HHMM		
			or HHMMSSDD, where $H = hours$ (00-23		
			eger seconds (00-59) and DD = decimal		
		hundredths (00-	s are expressed as follows: D = tenths (0	-9)	and DD =
			IM}(LSR-12) = Time Sent		
DTM05	1250		od Format Qualifier	x	ID 2/3
DINIUS	1230		the date format, time format, or date and	~	
		-			
		RTM	Range of Time Expressed in Format		
			A range of times expressed in the for		
			HHMM where HH is the numerical ex	•	
			hours in the day based on a twenty-fo		
			and MM is the numerical expression of within an hour; the first occurrence of		
			within an nour, the mat occurrence of	1111	

		ТМ	starting time and the second is the er Time Expressed in Format HHMM Time expressed in the format HHMM the numerical expression of hours in on a twenty-four hour clock and MM i expression of minutes within an hour	whe the s th	ere HH is day based
DTM06	1251	Date Time Perio	d	Χ	AN 1/35
		Expression of a d times	ate, a time, or range of dates, times or	date	es and
		•	<ul><li>5) = Appointment Time-DDD {HHMM[-H Desired Frame Due Time {HHMM}</li></ul>	ΗΗ	/M]}

Segment:	SI Service Characteristic Identification
Position:	1850
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*RE*REQTYP(LSR-23)
	SI*TI*AA*ACT(LSR-24)
	SI*TI*LO*LST(LSR-42)
	SI*TI*LS*LSO(LSR-43)
	SI*TI*TY*TOS(LSR-44)
	SI*TI*IW*IWO(EU-36)
	SI*TI*CB*CB(CX-7)
	SI*TI*CL*COS(CX-28a)

			Data Element	Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	r Code	М	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charact	teristics Qualifier	М	AN 2/2
			Code from an inc	dustry code list qualifying the type of se	rvice	)
			characteristics			
			AA	Account Activity		
			CB	CENTREX Common Block Identifier		
			CL	Class of Service		
			IW	Inside Wire Options		
			LO	Local Exchange Carrier Service Office	се	
			LS	Local Serving Office		
			RE	Requisition Type		
			TY	Type of Service		
М	SI03	234	Product/Service	e ID	Μ	AN 1/48
			Identifying numb	er for a product or service		
			ACT (LSR-20) =	Activity		
				New Installation)		
				Disconnect of entire account)		
			C= (DWS: C-	Change)		
Updated: N	/arch 11, 2002	2 Qw	est Communication	s International. Inc.		38

V= (DWS: V-Conv. As Specified) SD= (DWS: L-Seasonal Suspend (not valid in WA or OR)) RS= (DWS: B-Restore) T= (DWS: T-Outside Move (T/F)) W= (DWS : W-Conversion as is) Z= (DWS: Z-Conversion as spec/no listing) DN= (DWS: Y-Deny)

REQTYP(LSR-23) = Requisition Type and Status TOS(LSR-44) = Type of Service IWO(EU-36) = Inside Wire Options LSO(LSR-43) = Local Service Office LST(LSR-42) = Local Service Termination CB(CX-7) = Common Block COS(CX-28a) = Class of Service

Segment:	PID	Product/Item Description	
Position:	1900	· · · · · · · · · · · · · · · · · · ·	
Loop:	1000		
Level:	Heading		
Usage:	Optional		
Max Use:	200		
Purpose:		ribe a product or process in coded or free-form format	
Syntax Notes:		D04 is present, then PID03 is required.	
		east one of PID04 or PID05 is required.	
		D07 is present, then PID03 is required. D08 is present, then PID04 is required.	
		Dog is present, then PID04 is required.	
Semantic Notes:		PID03 to indicate the organization that publishes the code	list
ocinantio Notes.		g referred to.	liot
		04 should be used for industry-specific product description	
	code		
	3 PID	08 describes the physical characteristics of the product iden	tified
	in P	ID04. A "Y" indicates that the specified attribute applies to t	his
	item	; an "N" indicates it does not apply. Any other value is	
		terminate.	
		09 is used to identify the language being used in PID05.	
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th	
		04 is used. If PID01 equals "X", then both PID04 and PID05	are
		PID06 when necessary to refer to the product surface or la g described in the segment.	yer
		of specifies the individual code list of the agency specified i	n
	PID		
Notes:		TI*AH***SO-RSQ*CHC(LSR-22)	
		TI*CONVIND***SO-RSQ*CONVIND(LSR-24a)	
	PID*S**	TI*AO***SO-RSQ*AGAUTH(LSR-35)	
		TI*BI***SO-RSQ*FBI(EU-42)	
	PID*S**	TI*PENDING***SO-RSQ*PENDING ORDER(LSR-108b)	
		Data Element Summary	
Ref.	Data		
Des.	Element	<u>Name</u>	
<u>Attributes</u>			
I PID01	349	Item Description Type N	1 ID 1/1
		Code indicating the format of a description	
		S Structured (From Industry Code List)	
DIDAA			

PID03

PID04

559

751

Agency Qualifier Code

**Product Description Code** 

product characteristic

Code identifying the agency assigning the code values

Coordinated Hot Cut

Conversion Indicator

Pending Order

**Telecommunications Industry** 

A code from an industry code list which provides specific data about a

Agency Authorization Status

Final Bill Information Indicator

ΤI

AH

AO

BI

CONVIND

PENDING

X ID 2/2

X AN 1/12

PID07	822	Source Subqualifier	0	AN 1/15
		A reference that indicates the table or text maintained b Qualifier	y the	Source
		SO-RSQ Service Order - Reseller Questions I	List	
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		<ul> <li>FBI (EU-42) = Final Bill Information Indicator N=(DWS: E-Existing(default)) Y=(DWS: D-Different)</li> <li>CONVIND(LSR-24a) = Conversion Indicator N=(DWS: P-Parital) Y=(DWS: F-Full)</li> </ul>		
		AGAUTH(LSR-35) = Agency Authorization Status CHC(LSR-22) = Coordinated Hot Cut PENDING ORDER (LSR-108b) = Pending Order		

Segment:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
<b>•</b> • • • •	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*EU****2W>MANUAL IND(EU-63a)
	Data Element Summary
Ref.	Data

	NGI.	Dala			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	on n	umbers as
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
Μ	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND(EU-63a) = Manual Indicator		

Segment:	MT)	Text		
Position:	3000			
Loop:	N9	Optional		
Level:	Heading	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	FX01 is present, then MTX02 is required.		
-,		FX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		ΓX04 is "AA - Advance the specific number of lines bef	ore pri	nt".
		MTX05 is required.		,
Notes:		EMARKS(EU-63)		
	_	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		

REMARKS(EU-63) = Remarks

Segment:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
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.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	-
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND(LSR-108a)
	Data Element Summary
Ref.	Data

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Χ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificati specified by the Reference Qualifier	on n	umbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND(LSR-108a) = Manual Indicator		

Segment:	MT)	Text		
Position:	3000			
Loop:	N9	Optional		
Level:	Heading	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	TX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		(05 is the number of lines to advance before printing.		
Comments:		ΓX04 is "AA - Advance the specific number of lines bet	fore priv	nt".
		MTX05 is required.	•	,
Notes:		EMARKS(LSR-108)		
		Data Element Summary		
Ref.	Data	•		
Des.	<b>Element</b>	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

REMARKS(LSR-108) = Remarks

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA(LSR-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Iden	ntifier Code	Μ	ID 2/3
		Code identi or an individ 78	ifying an organizational entity, a physical loo dual Service Requester	cation	, property
N102	93	Name		Х	AN 1/60
		Free-form r	name		
		CCNA(LSR	R-1) = Customer Carrier Name Abbreviation		

# **PER** Administrative Communications Contact

Segment:

Position: 3600 Loop: N1 Optional Level: Heading Usage: Optional Max Use: >1 Purpose: To identify a person or office to whom administrative communications should be directed If either PER03 or PER04 is present, then the other is required. Syntax Notes: 1 If either PER05 or PER06 is present, then the other is required. 2

If either PER07 or PER08 is present, then the other is required. 3

Semantic Notes:

Comments: Notes:

PER\*AG\*INIT(LSR-81)\*TE\*TEL NO(LSR-82)\*FX\*FAX NO(LSR-84)\*EM\*EMAIL(LSR-83)

PER\*CN\*IMPCON(LSR-91)\*TE\*TEL NO(LSR-92)\*BN\*PAGER(LSR-93) PER\*AL\*ALT IMPCON(LSŔ-94)\*TE\*TEL NO(LSŔ-95)\*BN\*PAGER(LSŔ-96)

### **Data Element Summary**

			Dala E	ement	Summary		
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
М	PER01	366	Contact I	unctio	n Code	М	ID 2/2
			Code ider	ntifying t	he major duty or responsibility of the	e perso	n or group
			named				
			AG		Agent		
			AL		Alternate Contact		
					Person to be contacted when the r available	main co	ontact is not
			CN		General Contact		
	PER02	93	Name			Ο	AN 1/60
			Free-form	name			
			INIT(LSR	·81) = lı	nitiator Identification		
			•	,	) = Implementation Contact		
			ALT IMPO	CON(LS	R-94) = Alternate Implementation Co	ontact	
	PER03	365	Commun	ication	Number Qualifier	Х	ID 2/2
			Code ider	ntifying f	the type of communication number		
			TE		Telephone		
	PER04	364	Commun	ication	Number	Х	AN 1/256
			Complete applicable		inications number including country	or area	code when
					= Telephone Number		
			•	,	= Telephone Number		
					= Telephone Number		
	PER05	365	Commun	ication	Number Qualifier	Х	ID 2/2
			Code ider	ntifying f	the type of communication number		
			BN		Beeper Number		
			FX		Facsimile		
	PER06	364	Commun	ication	Number	Х	AN 1/256
			Complete applicable		inications number including country	or area	code when
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		FAX NO(LSR-84) = Facsimile Number PAGER(LSR-93) = Pager Number PAGER(LSR-96) = Pager Number		
PER07	365	Communication Number Qualifier	Χ	ID 2/2
		Code identifying the type of communication number EM Electronic Mail		
PER08	364	Communication Number	Х	AN 1/256
		Complete communications number including country or applicable	area	code when
		EMAIL(LSR-83) = Electronic Mail Address		

Segment:	N1 ⊾	ame					
Position:	3100						
Loop:	N1	Optional					
Level:	Heading						
Usage:	Optional						
Max Use:	1						
Purpose:	To ident	fy a party by type of organization, name, and code					
Syntax Notes:		ast one of N102 or N103 is required.					
	2 If eit	her N103 or N104 is present, then the other is required	l.				
Semantic Notes:							
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>						
Notes:	N1*AN*/	UTHNM(LSR-37)					
		Data Element Summary					
Ref.	Data						
<u>Des.</u> Attributes	<u>Element</u>	Name					
N101	98	Entity Identifier Code	М	ID 2/3			

or an individual

Free-form name

AN

Name

Code identifying an organizational entity, a physical location, property

pick-up or origin point for a shipment

A geographic location designated as an authorized

Authorized From

AUTHNM(LSR-37) = Authorization Name

Μ

N102

93

X AN 1/60

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*X1*BILLNM(EU-43)
	Data Element Summary
Ref.	Data

Des Attribu	Elemen	<u>Name</u>			
N10		Entity Identifier	Code	Μ	ID 2/3
		Code identifying or an individual	an organizational entity, a physical loca	ition,	, property
		X1	Mail to		
			An address to which a specified item	is to	be mailed
N10	2 93	Name		Х	AN 1/60
		Free-form name			
		BILLNM(EU-43)	= Bill Name		

	Segment:	N2 A	Additional Name Information							
	Position:	3200								
	Loop:	N1	N1 Optional							
	Level:	Heading								
	Usage:	Optional								
	Max Use:	2								
-	Purpose:	To speci	ify additional names							
•	tax Notes:									
	ntic Notes:									
C	Comments:	NO*ODI								
	Notes:	INZ. 2BIT	LNM (EU-44)							
			Data Element Summary							
	Ref.	Data	·							
	Des.	<u>Element</u>	<u>Name</u>							
	<u>Attributes</u>									
Μ	N201	93	Name	1	AN 1/60					
			Free-form name							
			SBILLNM (EU-44) = Secondary Bill Name							

Segment:	N4 o	Geographic Location							
Position:	3400	3400							
Loop:	N1	Optional							
Level:	Heading								
Usage:	Optional								
Max Use:	>1								
Purpose:	To spec	fy the geographic place of the named party							
Syntax Notes:	•	one of N402 or N407 may be present.							
	2 If N4	106 is present, then N405 is required.							
	3 If N4	3 If N407 is present, then N404 is required.							
Semantic Notes:									
Comments:		mbination of either N401 through N404, or N405 and N40	)6 m	ay					
		dequate to specify a location.							
		2 is required only if city name (N401) is in the U.S. or Car	nada						
Notes:	N4**STA	ATE(EU-49)*ZIP(EU-50)							
Ρ.(	Data	Data Element Summary							
Ref.	Data								
Des.	<u>Element</u>	Name							
<u>Attributes</u> N402	156	State or Province Code	x	ID 2/2					
N4UZ	100		~						
		Code (Standard State/Province) as defined by appropriate government							
		agency							
		STATE(EU-49) = State/Province							
N403	116	Postal Code	0	ID 3/15					

03	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding	g puno	ctuation and
		ZIP(EU-50) = ZIP/Postal Code		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	
Notes:	NX2*01*SANO (EU-45b) NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46) NX2*35*ROOM/MAIL STOP (EU-47) NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45g) NX2*61*SASF (EU-45c) NX2*62*SATH (EU-45f)

			Data Element	Summary			
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>				
М	NX201	1106	Address Compo	nent Qualifier	М	ID 2/2	
			•	e type of address component			
			01	Street Number			
			02	Street Name			
			03	Prefix Direction			
			07	City Name			
			32	Floor			
				A particular floor or level of a building	ł		
			35	Room			
			A walled room or partitioned area of a building				
			40	Street Suffix		Ū	
			59	Street Number Low			
			61	Street Number Fraction			
			62	Street Name Suffix			
Μ	NX202	166	Address Informa	tion	Μ	AN 1/55	
			Address information	on			
			SANO (EU-45b) =	Service Address Number			
				Service Address Street Name			
				Service Address Street Directional Pr	efix		
			CITY (EU-48) = C	ity			
			FLOOR (EU-46) =	Floor			
			ROOM/MAIL STO	P (EU-47) = Room/Mail Stop			
			SASS (EU-45g) =	Service Address Street Directional Su	ffix		
			SAPR (EU-45a) =	Service Address Number Prefix			
			SASF (EU-45c) =	Service Address Number Suffix			
			SATH (EU-45f) =	Service Address Street Type			

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	PER Administrative Communications Contact 3600 N1 Optional Heading Optional >1 To identify a person or office to whom administrative communications should be directed 1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.						
	Data <u>Element</u>	Data Element S	Summary				
Attributes A PER01	366	Contact Function Code identifying the named BI	n Code ne major duty or responsibility of th Bill Inquiry Contact Service Provider contact for maki information on the invoice				
PER02	93	Name Free-form name BILLCON(EU-51)		0	AN 1/60		
PER03	365	Communication	Number Qualifier he type of communication number Telephone	X	ID 2/2		
PER04	364	applicable	•	X or area	AN 1/256 code when		

Segment:	SI Service Characteristic Identification
Position:	3650
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
Notes:	qualifiers. SI*TI*AF*AFT (EU-44a)
NOLES.	SITIALALI (LO-44a)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</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	)
			AF Address Format Type		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

## PO1 Baseline Item Data - End User Form (Location and Access

Segment:	<b>PO1</b>	Baseline Item Data - End User Form (Location and A	CCE	ess
Position:	Section 0100			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Mandato	ry		
Max Use:	1			
Purpose:		fy basic and most frequently used line item data		
Syntax Notes:		0103 is present, then PO102 is required.		
		0105 is present, then PO104 is required.		
		her PO106 or PO107 is present, then the other is required		
		her PO108 or PO109 is present, then the other is required		
		her PO110 or PO111 is present, then the other is required		
		her PO112 or PO113 is present, then the other is required her PO114 or PO115 is present, then the other is required		
		her PO116 or PO117 is present, then the other is required		
		her PO118 or PO119 is present, then the other is required		
		her PO120 or PO121 is present, then the other is required		
		her PO122 or PO123 is present, then the other is required		
		her 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.		
		01 is the line item identification.		
	3 PO1	06 through PO125 provide for ten different product/service	e ID	s
	per	each item. For example: Case, Color, Drawing No., U.P.C.	. No	.,
	ISB	No., Model No., or SKU.		
Notes:	PO1*n*1	*EA***ZZ*EU_SA [PO1 Loop may repeat]		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set "n" = nth assigned ID within PO1 loop	in a	
<b>BO</b> 400	222		v	D 4/45
PO102	330	Quantity Ordered	X	R 1/15

Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	nin a	
		"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	esse	d. or
		manner in which a measurement has been taken		-, -
		EA Each		
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234)	er u	sed in
		ZZ Mutually Defined		
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"EU_SA"		

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.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*OP*WSOP(EU-31)*TN*WSOP TEL NO(EU-31a)

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	•
			OP Working Service On Premises		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			WSOP(EU-31) = Working Service on Premises		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of se characteristics TN Telephone Number	rvice	
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			WSOP TEL NO(EU-31a) = Working Service on Premise Number	es Te	lephone

Segmen		Product/Item Description	
Position			
Loop		Optional	
Leve			
Usage			
Max Use		ribe a preduct or process in coded or free form format	
Purpose Syntax Notes		ribe a product or process in coded or free-form format D04 is present, then PID03 is required.	
eymax netet		east one of PID04 or PID05 is required.	
	3 If PI	D07 is present, then PID03 is required.	
		D08 is present, then PID04 is required.	
Semantic Notes		D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code list	ct
Semantic Notes		g referred to.	51
		04 should be used for industry-specific product description	
	code		
		08 describes the physical characteristics of the product identi	
		ID04. A "Y" indicates that the specified attribute applies to the ; an "N" indicates it does not apply. Any other value is	IS
		terminate.	
	4 PID	09 is used to identify the language being used in PID05.	
Comments		D01 equals "F", then PID05 is used. If PID01 equals "S", the	
	PIDO	04 is used. If PID01 equals "X", then both PID04 and PID05 a	are
		PID06 when necessary to refer to the product surface or lay	er
		g described in the segment.	
		07 specifies the individual code list of the agency specified in	
Notes	PID(	)3. TI*ANV***SO-RSQ*ANV(EU-8a)	
Notes	S. FID S		
		Data Element Summary	
Ref.	Data	Nama	
<u>Des.</u> Attribu	<u>Element</u>	Name	
I PID01		Item Description Type M	ID 1/1
		Code indicating the format of a description	
		S Structured (From Industry Code List)	
PID03	3 559	Agency Qualifier Code X	ID 2/2
		Code identifying the agency assigning the code values	
		TI Telecommunications Industry	
PID04	4 751	Product Description Code X	AN 1/12
		A code from an industry code list which provides specific da	ata about a
		product characteristic	
DIDA		ANV Address Not Validated Indicator	
PID07	7 822	Source Subqualifier O	AN 1/15
		A reference that indicates the table or text maintained by th Qualifier	e Source
		SO-RSQ Service Order - Reseller Questions List	
PID08	3 1073	Yes/No Condition or Response Code O	ID 1/1
		Code indicating a Yes or No condition or response	
		ANV(EU-8a) = Address Not Validated Indicator	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eit 3 If eit 1 REF	fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requin her C04005 or C04006 is present, then the other is requin 04 contains data relating to the value cited in REF02.		
Notes:	REF*IX*	LOCNUM(EU-7)*LOCNUM		
<b>.</b> (		Data Element Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
A REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification IX Item Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier LOCNUM(EU-7) = Location Number	ction	Set or as
REF03	352	Description	Х	AN 1/80

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

М

content "LOCNUM"

Segment:	N9 Reference Identification
Position:	3300
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*L1*ACC*EU

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
Μ	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 ACC Access Instructions	actior	n Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		

Segment:	MTX Text
Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>
	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**ACC(EU-30)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

To transmit large volumes of message text ACC(EU-30) = Access Information

Message Text

MTX02

1551

X AN 1/4096

Segment:	N1 Name
Position:	3500
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*IT*NAME(EU-8)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	<b>Entity Identifier</b>	Code	Μ	ID 2/3
		Code identifying or an individual IT	an organizational entity, a physical loca	ation	, property
N102	93	Name	Installation on Site	х	AN 1/60
INTU2	93			^	AN 1/00
		Free-form name			
		NAME(EU-8) =	End User Name		

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(EU-25)*ZIP(EU-26)**RJ*CALA(EU-26a)
	Data Element Summary
Ref.	Data Element Summary Data
Dec	Dala Element Name

<u>Des.</u> Attributes	<u>Element</u>	Name		
N402	156	State or Province Code	х	ID 2/2
		Code (Standard State/Province) as defined by appropria agency	te g	overnment
		STATE(EU-25) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding p blanks (zip code for United States)	ounc	tuation and
		ZIP(EU-26) =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(EU-26a) = 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 (EU-11) NX2\*02\*SASN (EU-14) NX2\*03\*SASD (EU-13)

NX2\*03\*SASD (EU-13) NX2\*05\*BOX (EU-23c) NX2\*06\*ROUTE (EU-23b) NX2\*07\*CITY (EU-24) NX2\*39\*AHN (EU-23a) NX2\*40\*SASS (EU-16) NX2\*59\*SAPR (EU-10) NX2\*61\*SASF (EU-12) NX2\*62\*SATH (EU-15) NX2\*LD1 (EU-17)\*LV1 (EU-18) NX2\*LD2 (EU-19)\*LV2 (EU-20) NX2\*LD3 (EU-21)\*LV3 (EU-22)

#### **Data Element Summary**

			unnar y		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compon	ent Qualifier	М	ID 2/2
		Code qualifying the	e type of address component		
		LD1(EU-17) = Loc 13=(DWS : APT 34=(DWS: LOT 35=(DWS: RM) 36=(DWS: SLIF 37=(DWS: UNIT	Г) ) ?) Г)		
		14=(DWS: SUIT	)		
		LD2(EU-19) = Loc 32=(DWS : FLF			
		LD3(EU-21) = Loc 12=(DWS : BLE 63=(DWS: WNG 30=(DWS: PIEF	G)		
		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 doo	kec	ł		
	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	bui	ilding		
	36	Slip				
		The slip or location on a pier at which	a sł	hip or boat		
	07	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		М	AN 1/55		
	Address informati					
	````	Service Address Number				
		Service Address Street Name Service Address Street Directional Prefi	x			
	BOX (EU-23c) = I		^			
	ROUTE (EU-23b)	= Route				
	CITY (EU-24) = City					
		Assigned House Number Service Address Street Directional Suffi	~			
		Service Address Street Directional Sum.	~			
		Service Address Number Suffix				
		Service Address Street Type				
	LV1 (EU-18) = Lo	cation Value 1				
	$1 \sqrt{2}$ (EII-20) - 1 o	cation Value 2				

LV2 (EU-20) = Location Value 2LV3 (EU-22) = Location Value 3

Μ

NX202

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	4000 N1 Detail Optional 3 To identi should b 1 If eit 2 If eit 3 If eit	Administrative Communications Contact Optional fy a person or office to whom administrative communicati e directed her PER03 or PER04 is present, then the other is require her PER05 or PER06 is present, then the other is require her PER07 or PER08 is present, then the other is require *LCON(EU-27)*TE*TEL NO(EU-28)	d. d.	
		Data Element Summary		
Ref. Des.	Data <u>Element</u>	Name		
<u>Attributes</u>				
I PER01	366	Contact Function Code	Μ	ID 2/2
		Code identifying the major duty or responsibility of the ponamed		n or group
		CA Customer Contact Granting Appointm	nent	
PER02	93	Name	0	AN 1/60
PER02	93	Free-form name	0	AN 1/60
-		Free-form name LCON(EU-27) = Local Contact	-	
PER02 PER03	93 365	Free-form name LCON(EU-27) = Local Contact Communication Number Qualifier	o x	AN 1/60 ID 2/2
-		Free-form name LCON(EU-27) = Local Contact <b>Communication Number Qualifier</b> Code identifying the type of communication number	-	
PER03	365	Free-form name         LCON(EU-27) = Local Contact         Communication Number Qualifier         Code identifying the type of communication number         TE       Telephone	X	ID 2/2
-		Free-form name LCON(EU-27) = Local Contact Communication Number Qualifier Code identifying the type of communication number TE Telephone Communication Number	x x	ID 2/2 AN 1/256
PER03	365	Free-form name         LCON(EU-27) = Local Contact         Communication Number Qualifier         Code identifying the type of communication number         TE       Telephone	x x	ID 2/2 AN 1/256

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:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*AF*AFT(EU-9)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	)
			AF Address Format Type		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			AFT (EU-9) = Address Format Type		

Segment:	PO1 Baseline Item Data - End User Form (Disconnect
	Information Section)
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	
Purpose:	To specify basic and most frequently used line item data for CENTREX/Resale Form.
Syntax Notes:	1 If PO103 is present, then PO102 is required.
Cyntax Notoo.	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:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>
	<b>2</b> PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat]
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	
PO101	350 Assigned Identification O 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 manner in which a measurement has been taken EA Each	expresse	ed, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive Product/Service ID (234) ZZ Mutually Defined	number ı	ised in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"EU_DISC"		

Segment:	SI Service Characteristic Identification
Position: Loop: Level:	0180 PO1 Mandatory Detail
Usage: Max Use:	Optional >1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*ND*DISC NBR (EU-55) SI*TI*T6*TC OPT (EU-57)

Data Element Summary						
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Qualifier	<sup>r</sup> Code	М	ID 2/2
			Code identifying t	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of se	rvice	•
			ND	Disconnect Number		
			Т6	Transfer of Calls Options		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying numbe	er for a product or service		
			<b>`</b>	5) = Disconnect Telephone Number = Transfer of Call Options		
			( )			

Segment: Position:	1000	Reference Identification				
Loop:	PO1	Mandatory				
Level:	Detail					
Usage:	•					
Max Use:		e in very set of				
Purpose:		To specify identifying information				
Syntax Notes:	2 If eit					
Semantic Notes: Comments:		04 contains data relating to the value cited in REF02.				
Notes:	REF*IX*DNUM (EU-54)*DNUM					
Ref. <u>Des.</u> Attribute	Data <u>Element</u>	Data Element Summary <u>Name</u>				
REF01	<u></u>	Reference Identification Qualifier	м	ID 2/3		
	120	Code qualifying the Reference Identification IX Item Number				
REF02	127	Reference Identification	Х	AN 1/30		
		Reference information as defined for a particular Transpecified by the Reference Identification Qualifier	nsaction	Set or as		
		DNUM (EU-54) = Disconnect Line Number				

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

М

REF03

352

Description

content "DNUM" Х

AN 1/80

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>DTM Date/Time Reference</li> <li>2100</li> <li>PO1 Mandatory</li> <li>Detail</li> <li>Optional</li> <li>10</li> <li>To specify pertinent dates and times</li> <li>1 At least one of DTM02 DTM03 or DTM05 is required.</li> <li>2 If DTM04 is present, then DTM03 is required.</li> <li>3 If either DTM05 or DTM06 is present, then the other is required.</li> </ul>					
Notes:	DTM*376*TC PER{CCYYMMDD} (EU-62)					
	Data Element Summary					
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	· ·				
DTM01	374	Date/Time Qualifier M	ID 3/3			
		Code specifying type of date or time, or both date and time 376 Delivery End The date that deliveries will end				
DTM02	373	Date X	DT 8/8			
	Date expressed as CCYYMMDD					
		TC PER (EU-62) = Transfer of Calls Period				

Segment:	<b>SLN</b>	Subline Item Detail
Position:	4700	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use: Purpose:	1 To once	ifu product aubling datail item data
Syntax Notes:		ify product subline detail item data ther SLN04 or SLN05 is present, then the other is required.
Oymax Notes.		NO7 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		ther SLN09 or SLN10 is present, then the other is required.
	5 If eit	her SLN11 or SLN12 is present, then the other is required.
		ther SLN13 or SLN14 is present, then the other is required.
		ther SLN15 or SLN16 is present, then the other is required.
		ther SLN17 or SLN18 is present, then the other is required.
		ther SLN19 or SLN20 is present, then the other is required. ther SLN21 or SLN22 is present, then the other is required.
		ther SLN23 or SLN24 is present, then the other is required.
		ther SLN25 or SLN26 is present, then the other is required.
		ther SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		101 is the identifying number for the subline item.
		102 is the identifying number for the subline level. The subline
		I is analogous to the level code used in a bill of materials.
		I03 is the configuration code indicating the relationship of the interview interview interview.
		108 is a code indicating the relationship of the price or amount to
		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		elate to baseline number 1.
		109 through SLN28 provide for ten different product/service IDs
		each item. For example: Case, Color, Drawing No., U.P.C. No., N No., Model No., or SKU.
Notes:		PRI*n*A*1*EA
		Data Element Summary
Ref.	Data	
Des.	<u>Element</u>	Name
Attributes A SLN01	350	Assigned Identification M AN 1/20
A SENUT	330	Alphanumeric characters assigned for differentiation within a
		transaction set
		"TCPRI"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a
		transaction set

IVI	

	•=•		, colginal laonniou		/
SLNO			Alphanumeric characters assigned for differentiation water transaction set	ithin a	3
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			"n" = nth assigned ID within SLN loop		
Μ	SLN03	662	Relationship Code	Μ	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Updated:	March 11, 2002		west Communications International, Inc. DI Disclosure Document – Version 9.0		72

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

Segment:	SI Service Characteristic Identification
Position:	4800
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.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	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*TC*TC TO PRI (EU-58)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
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	<b>)</b>
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (EU-58) = Transfer of Calls To Primary Num	ber	

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (EU-58b)

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 or an individual TT Transfer To	Il location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (EU-58b) = Transfer of Calls to Name		

Segment: Position: Loop: Level: Usage:	<b>REF</b> Reference Identification 5800 N1 Optional Detail Optional
Max Use:	12 To specify identifying information
Purpose: Syntax Notes: Semantic Notes: Comments:	<ol> <li>To specify identifying information</li> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Notes:	REF*55*TCID (EU-58a)*PRI
Ref. <u>Des.</u> <u>Attributes</u>	Data Element Summary Data <u>Element</u> <u>Name</u>

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (EU-58a) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

128

127

352

55

Description

content "PRI"

REF01

REF02

REF03

ID 2/3

X AN 1/30

X AN 1/80

Μ

Segment:	<b>JLIN</b>	Subline Item Detail		
Position:	4700			
Loop:	SLN	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1 	for management and the scale to 11 the second state		
Purpose: Syntax Notes:		fy product subline detail item data	J	
Symax Notes.		her SLN04 or SLN05 is present, then the other is required N07 is present, then SLN06 is required.	1.	
		N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is required	I.	
		her SLN11 or SLN12 is present, then the other is required		
		her SLN13 or SLN14 is present, then the other is required		
	7 If eit	her SLN15 or SLN16 is present, then the other is required		
		her SLN17 or SLN18 is present, then the other is required		
		her SLN19 or SLN20 is present, then the other is required		
		her SLN21 or SLN22 is present, then the other is required		
		her SLN23 or SLN24 is present, then the other is required her SLN25 or SLN26 is present, then the other is required		
		her SLN27 or SLN28 is present, then the other is required		
Semantic Notes:		01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The sub	line	
		is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of t	the	
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or amo	ount	to
Comments:		associated segment.		
comments.		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the bas	مانام	د
		number. Example: 1.1 or 1A might be used as a subline		
		late to baseline number 1.		
	3 SLN	09 through SLN28 provide for ten different product/service	ə IDs	5
	for e	ach item. For example: Case, Color, Drawing No., U.P.C.	No.,	,
		I No., Model No., or SKU.		
Notes:	SLN*TC	SEC*n*A*1*EA [SLN Loop may repeat]		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
A SLN01	350	Assigned Identification		AN 1/20
		Alphanumeric characters assigned for differentiation with	nin a	
		transaction set		
SLN02	250	"TCSEC"	0	AN 1/20
5LNU2	350	Assigned Identification	-	
		Alphanumeric characters assigned for differentiation with transaction set	iin a	
		"n" = nth assigned ID within SLN loop		
A SLN03	662	Relationship Code	м	ID 1/1
		Code indicating the relationship between entities		

М

М

SLN04

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Numeric value of quantity

Add

X R 1/15

А

380

Quantity

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

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage: Max Use:	Optional >1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO SEC (EU-59)

	Ref.	Data	News		
	Des.	<u>Element</u>	name		
	Attributes	<b>FFO</b>	Agency Quelifier Code	84	
М	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (EU-59) = Transfer of Calls To Secondary	Num	ber

Segment:	N1 Name				
Position:	5350				
Loop:	N1 Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To identify a party by type of organization, name, and code				
Syntax Notes:	1 At least one of N102 or N103 is required.				
	2 If either N103 or N104 is present, then the other is required.				
Semantic Notes:					
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>				
Notes:	N1*TT*TC NAME(EU-61)				

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physica or an individual TT Transfer To	l location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME(EU-61) = Transfer of Calls to Name		

Segment:	<b>REF</b> Reference Identification
Position:	5800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	-
Notes:	REF*55*TCID (EU-60)*SEC
	Data Element Summary
Ref.	Data

М

<u>Des.</u> Attributes	<u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF02	127	Reference Identification	Χ	AN 1/30
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier TCID (EU-60) = Transfer of Calls To Identifier	ction	Set or as
REF03	352	Description	X	AN 1/80
		A free-form description to clarify the related data elemen content "SEC"		

Segment:	PO1 Baseline Item Data - Centrex Resale Service Form (Details
Position:	Section) 0100
Loop: Level:	PO1 Mandatory Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
•	for CENTREX/Resale Form.
Syntax Notes:	1 If PO103 is present, then PO102 is required.
•	2 If PO105 is present, then PO104 is required.
	<b>3</b> 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.
	<b>9</b> If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>
	<b>2</b> PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*CX [PO1 Loop may repeat]

Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>			_	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	1
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being 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 "CX"		

Segment:	SI Service Characteristic Identification
Position:	
	0180 PO1 Mandatory
Loop: Level:	PO1 Mandatory Detail
Usage: Max Use:	Optional >1
Purpose:	
Syntax Notes:	To specify service characteristic data <b>1</b> If either SI04 or SI05 is present, then the other is required.
Symax Notes.	<ul><li>2 If either Slo6 or Slo7 is present, then the other is required.</li></ul>
	<ul><li>3 If either Sl08 or Sl09 is present, then the other is required.</li></ul>
	<ul><li>4 If either SI10 or SI11 is present, then the other is required.</li></ul>
	<ul><li>5 If either SI12 or SI13 is present, then the other is required.</li></ul>
	6 If either SI14 or SI15 is present, then the other is required.
	<ul><li>7 If either SI16 or SI17 is present, then the other is required.</li></ul>
	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*NQ*NPI (CX-32)
	SI*TI*SA*LNA (CX-33)
	SI*TI*TN*TNS (CX-35)
	SI*TI*OT*OTN (CX-38)
	SI*TI*T6*TC OPT (CX-56a)
	SI*TI*TS*SGNL (CX-58)
	SI*TI*AT*LTC (CX-45)
	SI*TI*TQ*TLI (CX-36a)
	SI*TI*T5*TERS (CX-36)
	SI*TI*LZ*LSCP (CX-46)

			Data Eleme	ent Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Quali	fier Code	Μ	ID 2/2
			Code identifyir	ng the agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Chara	acteristics Qualifier	М	AN 2/2
			Code from an characteristics	industry code list qualifying the type of se	ervice	)
			AT	Customer Access Treatment		
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			ОТ	Out Telephone Number		
			SA	Service Activity		
			T5	Terminal Number		
			Т6	Transfer of Calls Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
			TS	Type of Signaling		
М	SI03	234	Product/Serv	ice ID	Μ	AN 1/48
			Identifying nur	nber for a product or service		
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LNA (CX-33) = Line Activity

- C= (DWS: C-Change)
- V= (DWS: V-Conversion as specified)
- CT= (DWS: X-Telephone number change)
- A= (DWS: N-New)
- D= (DWS: D-Disconnect)
- P= (DWS: P-PIC change)
- T= (DWS: T-Outside Move within the Central Office)
- L= (DWS: L-Seasonal Suspend)

SGNL (CX-58) = Signaling LST(DWS: LS-Loop Start (default)) GST(DWS: GS-Ground Start)

NPI (CX-32) = Number Portability Indicator TNS (CX-35) = Telephone Numbers OTN (CX-38) = Out Telephone Number TC OPT (CX-56a) =Transfer of Calls Option LTC (CX-45) = Line Treatment Code TLI (CX-36a) = Telephone Line Identifier TERS (CX-36) = Terminal Numbers LSCP (CX-46) = Local Service Provider Change Prohibited

Segment: Position: Loop: Level: Usage: Max Use:	PID 0500 PID Detail Optional 1	Product/Item Description Optional		
Purpose:		ribe a product or process in coded or free-form format		
Syntax Notes: Semantic Notes:	<ol> <li>At let</li> <li>If PI</li> <li>If PI</li> <li>If PI</li> <li>If PI</li> <li>Use</li> <li>bein</li> </ol>	D04 is present, then PID03 is required. east one of PID04 or PID05 is required. D07 is present, then PID03 is required. D08 is present, then PID04 is required. D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the cod g referred to. D4 should be used for industry-specific product description		t
Comments:	<ul> <li>3 PID( in Pl item inde</li> <li>4 PID(</li> <li>1 If PI PID(</li> <li>used</li> <li>2 Use bein</li> </ul>	<ul> <li>08 describes the physical characteristics of the product id</li> <li>1D04. A "Y" indicates that the specified attribute applies to</li> <li>; an "N" indicates it does not apply. Any other value is terminate.</li> <li>09 is used to identify the language being used in PID05.</li> <li>D01 equals "F", then PID05 is used. If PID01 equals "S",</li> <li>04 is used. If PID01 equals "X", then both PID04 and PID04.</li> <li>PID06 when necessary to refer to the product surface or g described in the segment.</li> <li>D7 specifies the individual code list of the agency specified</li> </ul>	this then 05 ai laye	re
Notes:		JJ. TI*AG***SO-RSQ*NIDR(CX-63a)		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes PID01	349	Item Description Type	м	ID 1/1
	343	Code indicating the format of a description	IVI	
		S Structured (From Industry Code List)		
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values TI Telecommunications Industry		
PID04	751	Product Description Code	Х	AN 1/12
		A code from an industry code list which provides specific product characteristic AG Network Interface Device Request	c dat	a about a
PID07	822	Source Subqualifier A reference that indicates the table or text maintained by Qualifier SO-RSQ Service Order - Reseller Questions	O y the	AN 1/15 Source
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		NIDR(CX-63a) = Network Interface Device Request		

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eit 3 If eit 1 REF	Reference Identification         Mandatory         fy identifying information         east one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is required         her C04005 or C04006 is present, then the other is required         04 contains data relating to the value cited in REF02.         LOCNUM(CX-29)*LOCNUM         LNUM(CX-30)*LNUM		
		*SAN(CX-54)		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
M REF01	128	Reference Identification Qualifier	м	ID 2/3
		Code qualifying the Reference Identification AE Authorization for Expense (AFE) Num IX Item Number	ber	
REF02	127		X	AN 1/30
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier LOCNUM(CX-29) = Location Number LNUM(CX-30) = Line Number SAN(CX-54) = Subscriber Authorization Number	tion	Set or as
REF03	352	Description	X	AN 1/80
		A free-form description to clarify the related data element content "LOCNUM" "LNUM"	s ar	nd their

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	2100 PO1 Detail Optional 10 To speci <b>1</b> At le <b>2</b> If DT <b>3</b> If eit	Mandatory fy pertinent ast one of E M04 is pres her DTM05	dates and times DTM02 DTM03 or DTM05 is required. sent, then DTM03 is required. or DTM06 is present, then the other is required	d.	
Notes:	DTM*37		CCYYMMDD}(CX-56h)		
Ref.	Data	Data Ele	ement Summary		
<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
A DTM01	374	Date/Time	Qualifier	М	ID 3/3
		Code spec	ifying type of date or time, or both date and tim	ne	
		376	Delivery End		
			The date that deliveries will end		
DTM02	373	Date		Х	DT 8/8
			essed as CCYYMMDD		
		TC PER(C	X-56h) = Transfer of Calls Period		

Segment:	<b>N9</b> R	eference Identification		
Position:	3300			
Loop:	N9 (	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:		mit identifying information as specified by the Reference ation Qualifier		
Syntax Notes:	1 At le	ast one of N902 or N903 is required.		
	2 If N9	06 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is required		
		her C04005 or C04006 is present, then the other is required	J.	
Semantic Notes:		6 reflects the time zone which the time reflects.		
	<b>2</b> N907	7 contains data relating to the value cited in N902.		
Comments:				
Notes:	N9*H7*C	DRI*CX****2W>MANUAL IND(CX-68b)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>			_	
I N901	128	Reference Identification Qualifier	4	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification	ſ	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier ORI Order Instructions	on	Set or as

**Free-form Description** 

**Reference Identifier** 

Free-form descriptive text

**Reference Identification** 

specified by the Reference Qualifier

**Reference Identification Qualifier** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier MANUAL IND(CX-68b) = Manual Indicator

Μ

Μ

М

N903

N907

C04001

C04002

369

C040

128

127

"CX"

2W

X AN 1/45

ID 2/3

AN 1/30

Ο

Μ

Μ

To identify one or more reference numbers or identification numbers as

Reference information as defined for a particular Transaction Set or as

Change Order Authority

Segment:	MT)	Text		
Position:	3400			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	TX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		(05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines before	ore pri	nt".
		MTX05 is required.		,
Notes:		EMARKS(CX-68a)		
		- ( )		
		Data Element Summary		
Ref.	Data	,		
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
-	-	To transmit large volumes of message text		
		i o danomit largo volumoo or moodugo toxt		

REMARKS(CX-68a) = Remarks

Segment:	N1 ⊾	lame	
Position:	3500		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To ident	fy a party by type of organization, name, and code	
Syntax Notes:	1 At le	ast one of N102 or N103 is required.	
	2 If eit	her N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	prov "ID ( trans	segment, used alone, provides the most efficient metho iding organizational identification. To obtain this efficience Code" (N104) must provide a key to the table maintained saction processing party. 5 and N106 further define the type of entity in N101.	cy the
Notes:		41*PIC (CX-41)	
Ε.		Data Element Summary	
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
I N101	98	Entity Identifier Code	M ID 2/3

or an individual

**Identification Code Qualifier** 

Identification Code (67)

**Identification Code** 

P9

41

Code identifying an organizational entity, a physical location, property

interexchange calls

being billed

PIC (CX-41) = InterLATA Pre-subscription Indicator

Code identifying a party or other code

Code designating the system/method of code structure used for

Primary Interexchange Carrier (PIC) Identifies the carrier who will handle the

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

N103

N104

66

67

X ID 1/2

X AN 2/80

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*8V**41*LPIC (CX-42)

		Data Element S	Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier C	Code	М	ID 2/3
		Code identifying a or an individual	n organizational entity, a physical loc	ation	, property
		8V	Primary Intra-LATA (Local Access T Carrier	ransp	oort Area)
N103	66	Identification Co	de Qualifier	Х	ID 1/2
		Code designating Identification Code 41	the system/method of code structure e (67) Telecommunications Carrier Identifi		
			Identifies the Interexchange carrier f being billed	for the	e charges
N104	67	Identification Cod	0	Х	AN 2/80
		Code identifying a	party or other code		
		LPIC (CX-42) = $\ln^2$	traLATA Pre-subscription Indicator		

Segment: <b>JLN</b>	Subline Item Detail
Position: 4700	
Loop: SLN	Optional
Level: Detail	
Usage: Optiona	
Max Use: 1	
Purpose: To spec	ify product subline detail item data
	ther SLN04 or SLN05 is present, then the other is required.
	_N07 is present, then SLN06 is required.
	_N08 is present, then SLN06 is required.
	ther SLN09 or SLN10 is present, then the other is required.
	ther SLN11 or SLN12 is present, then the other is required.
	ther SLN13 or SLN14 is present, then the other is required.
	ther SLN15 or SLN16 is present, then the other is required.
	ther SLN17 or SLN18 is present, then the other is required.
	ther SLN19 or SLN20 is present, then the other is required. ther SLN21 or SLN22 is present, then the other is required.
	ther SLN23 or SLN24 is present, then the other is required.
	ther SLN25 or SLN26 is present, then the other is required.
	ther SLN27 or SLN28 is present, then the other is required.
	I01 is the identifying number for the subline item.
	102 is the identifying number for the subline level. The subline
	I is analogous to the level code used in a bill of materials.
3 SLN	103 is the configuration code indicating the relationship of the
	line item to the baseline item.
	108 is a code indicating the relationship of the price or amount to
	associated segment.
	the Data Element Dictionary for a complete list of IDs.
	I01 is related to (but not necessarily equivalent to) the baseline
	number. Example: 1.1 or 1A might be used as a subline number
	elate to baseline number 1. I09 through SLN28 provide for ten different product/service IDs
	each item. For example: Case, Color, Drawing No., U.P.C. No.,
	N No., Model No., or SKU.
	PRI*n*A*1*EA
	Data Element Summary
Ref. Data	
<u>Des.</u> <u>Element</u>	<u>Name</u>
Attributes	
1 SLN01 350	Assigned Identification M AN 1/20
	Alphanumeric characters assigned for differentiation within a
	transaction set
	transaction set "TCPRI"
SLN02 350	transaction set

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation wit	hin a	l
			transaction set		
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation wit	hin a	l
			transaction set		
			"n" = nth assigned ID within SLN loop		
М	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Undated: M	larch 11 2001		lest Communications International Inc.		02
opualeu. N	narch 11, 2002		DI Disclosure Document – Version 9.0		32
Updated: M	<b>SLN04</b> Narch 11, 2002	2 Qw	A Add Quantity Numeric value of quantity vest Communications International, Inc.	x	<b>R 1/15</b> 92

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is b manner in which a measurement has been tak EA Each	0 1

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO PRI(CX-56b)

			Data Element Summary		
	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	
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI(CX-56b) = Transfer of Calls to Primary Num	ber	

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME(CX-56d)

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 or an individual TT Transfer To	location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME(CX-56d) = Transfer of Calls to Name		

Segment:	<b>REF</b> Reference Identification
Position:	5800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
-	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	-
Notes:	REF*55*TCID(CX-56c)*PRI
	Data Element Summary
Ref.	Data

М	
IVI	

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
		TCID(CX-56c) = Transfer of Calls to Identifier		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content	its ar	nd their
		"PRI"		

		_			
Seg	gment:	SLN	Subline Item Detail		
Po	- osition:	4700			
	Loop:	SLN	Optional		
	Level:	Detail			
l	Usage:	Optional			
	ix Use:	1			
	irpose:		fy product subline detail item data		
Syntax	Notes:		her SLN04 or SLN05 is present, then the other is required.		
			N07 is present, then SLN06 is required.		
			.N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required.		
			her SLN11 or SLN12 is present, then the other is required.		
			her SLN13 or SLN14 is present, then the other is required.		
			her SLN15 or SLN16 is present, then the other is required.		
			her SLN17 or SLN18 is present, then the other is required.		
		9 If eit	her SLN19 or SLN20 is present, then the other is required.		
			her SLN21 or SLN22 is present, then the other is required.		
			her SLN23 or SLN24 is present, then the other is required.		
			her SLN25 or SLN26 is present, then the other is required.		
Semantic	Notos		her SLN27 or SLN28 is present, then the other is required. 01 is the identifying number for the subline item.		
Semantic	NOLES.		02 is the identifying number for the subline level. The subline	2	
			is analogous to the level code used in a bill of materials.		
			03 is the configuration code indicating the relationship of the	:	
			ine item to the baseline item.		
		4 SLN	08 is a code indicating the relationship of the price or amour	nt to	
			associated segment.		
Com	ments:		the Data Element Dictionary for a complete list of IDs.		
			01 is related to (but not necessarily equivalent to) the baselin		
			number. Example: 1.1 or 1A might be used as a subline nur	nber	
			late to baseline number 1. 09 through SLN28 provide for ten different product/service II	<b>)</b> c	
			ach item. For example: Case, Color, Drawing No., U.P.C. No		
			No., Model No., or SKU.	0.,	
	Notes:		SEC*n*A*1*EA [SLN Loop may repeat]		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>tributes</u> SLN01	350	Assigned Identification M	A NI	1/2
•	SLINUT	330	-		1/2
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"TCSEC"		
	SLN02	350	Assigned Identification O	ΔN	1/2
	CLINE	000	-		1/2
			Alphanumeric characters assigned for differentiation within transaction set	d	
			"n" = nth assigned ID within SLN loop		
	SLN03	662	Relationship Code M	ID <sup>·</sup>	1/1
•	GLINUS	002	A de indication de calationador la traca antitica	UI.	1/1

20 20 Code indicating the relationship between entities А Add SLN04 Quantity X R 1/15 380 Numeric value of quantity Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0 Updated: March 11, 2002 97

М

Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is b manner in which a measurement has been tak EA Each	0 1

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	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*TC*TC TO SEC(CX-56e)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
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	)
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (CX-56e) = Transfer of Calls to Secondary	Num	ber

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME(CX-56g)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical or an individual TT Transfer To	location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME(CX-56g) = Transfer of Calls to Name		

Segment:	<b>REF</b> Reference Identification
Position:	5800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*55*TCID(CX-56f)*SEC
	Data Element Summary
Ref.	Data

Element Name Des. Attributes REF01 128 **Reference Identification Qualifier** Μ ID 2/3 Code qualifying the Reference Identification 55 Sequence Number REF02 X AN 1/30 127 **Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier TCID(CX-56f) = Transfer of Calls to Identifier REF03 352 Description Х AN 1/80 A free-form description to clarify the related data elements and their content "SEC"

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4700 SLN Detail Optional 1 To specif 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith	Subline Item Detail Optional fy product subline detail item data her SLN04 or SLN05 is present, then the other is required N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required her SLN11 or SLN12 is present, then the other is required her SLN13 or SLN14 is present, then the other is required her SLN15 or SLN16 is present, then the other is required her SLN17 or SLN18 is present, then the other is required her SLN19 or SLN20 is present, then the other is required her SLN19 or SLN20 is present, then the other is required her SLN19 or SLN22 is present, then the other is required	.t 1. 1. 1. 1. 1.	
Semantic Notes: Comments:	<ul> <li>11 If eith</li> <li>12 If eith</li> <li>13 If eith</li> <li>1 SLN0</li> <li>2 SLN0</li> <li>1 evel</li> <li>3 SLN0</li> <li>3 SLN0</li> <li>4 SLN0</li> <li>4 SLN0</li> <li>1 See 1</li> <li>2 SLN0</li> <li>item</li> </ul>	The SLN21 of SLN22 is present, then the other is required ther SLN23 or SLN24 is present, then the other is required ther SLN25 or SLN26 is present, then the other is required ther SLN27 or SLN28 is present, then the other is required of 1 is the identifying number for the subline item. D2 is the identifying number for the subline level. The sub- is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of the item to the baseline item. D8 is a code indicating the relationship of the price or am- sosociated segment. The Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the base number. Example: 1.1 or 1A might be used as a subline late to baseline number 1.	d. d. d. oline the ount seline	9
	3 SLN for ea	09 through SLN28 provide for ten different product/service ach item. For example: Case, Color, Drawing No., U.P.C I No., Model No., or SKU.		
Notes:	SLN*BL*	n*A*1*EA		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
Attributes SLN01	350	Assigned Identification	м	AN 1/20
SENOT	550	Alphanumeric characters assigned for differentiation with transaction set		
61 N00	250	"BL"	0	AN 4/20
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation with transaction set	<b>O</b> hin a	AN 1/20
	660	"n" = nth assigned ID within SLN loop	N/	
A SLN03	662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities		
SLN04	380	A Add Quantity	х	R 1/15
JLINU4	300	wannity	^	N 1/13

Numeric value of quantity

М

Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is b manner in which a measurement has been tak EA Each	0 1

Segment:	SI Service Characteristic Identification
Position:	4800
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*BB*BA(CX-47)*TB*BLOCK(CX-48)

	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	М	AN 2/2
			Code from an industry code list qualifying the type of set characteristics	rvice	
			BB Blocking Activity		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			BA(CX-47) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
		Code from an industry code list qualifying the type of set characteristics	rvice		
			TB Blocking/Billing Exception		
	SI05	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			BLOCK(CX-48) = Block		

\_ .

Segment:		Subline Item Detail		
Position: Loop:	4700 SLN	Optional		
Level:	Detail	Optional		
Usage:	Optional			
Max Use:	1			
Purpose: Syntax Notes:		fy product subline detail item data her SLN04 or SLN05 is present, then the other is required	4	
Syntax Notes.		N07 is present, then SLN06 is required.	<i>ı</i> .	
		N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is required		
		her SLN11 or SLN12 is present, then the other is required her SLN13 or SLN14 is present, then the other is required		
		her SLN15 or SLN16 is present, then the other is required		
	8 If eit	her SLN17 or SLN18 is present, then the other is required	ł.	
		her SLN19 or SLN20 is present, then the other is required		
		her SLN21 or SLN22 is present, then the other is required her SLN23 or SLN24 is present, then the other is required		
		her SLN25 or SLN26 is present, then the other is required		
	13 If eit	her SLN27 or SLN28 is present, then the other is required		
Semantic Notes:		01 is the identifying number for the subline item.	line	
		02 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of		
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or am	ount	to
Comments:		associated segment. the Data Element Dictionary for a complete list of IDs.		
	2 SLN	01 is related to (but not necessarily equivalent to) the bas		
		number. Example: 1.1 or 1A might be used as a subline	num	oer
		late to baseline number 1. 09 through SLN28 provide for ten different product/servic	م ا ا م	
		ach item. For example: Case, Color, Drawing No., U.P.C		
	ISBN	No., Model No., or SKU.		
Notes:		n*A*IWJQ (CX-65)*EA****EQ*IWJK (CX-64) [SLN Loop e Wiring pair]	may	repeat
	per maiu			
		Data Element Summary		
Ref. <u>Des.</u>	Data <u>Element</u>	Name		
<u>Attributes</u>		Name		
M SLN01	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation with	nin a	
		transaction set "IW"		
SLN02	350	Assigned Identification	0	AN 1/20
OLIVOZ	000	Alphanumeric characters assigned for differentiation with	-	AN 1/20
		transaction set		
		"n" = nth assigned ID within SLN loop		
M SLN03	662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities		
	200	A Add	v	D 4/45
SLN04	380	Quantity	X	R 1/15

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			Numeric value of quantity	
			IWJQ(CX-65) = Inside Wire Jack Quantity	
	SLN05	C001	Composite Unit of Measure	X
м	C00101	355	To identify a composite unit of measure (See F examples of use) Unit or Basis for Measurement Code	igures Appendix for M ID 2/2
IVI	COUTUT	300		
			Code specifying the units in which a value is be manner in which a measurement has been take EA Each	<b>e</b>
	SLN09	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descript Product/Service ID (234)	ive number used in
			EQ Equipment Type	
	SLN10	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
			IWJK(CX-64) = Inside Wire Jack Code	

Segment: Position: Loop: Level:	SLN 4700 SLN Detail	Subline Item Detail Optional	
Usage:	Optional		
Max Use:	1		
Purpose:		ify product subline detail item data	
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required.	
		.N07 is present, then SLN06 is required.	
		her SLN09 or SLN10 is present, then the other is required.	
		her SLN11 or SLN12 is present, then the other is required.	
		her SLN13 or SLN14 is present, then the other is required.	
		her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required.	
		her SLN19 or SLN20 is present, then the other is required.	
		her SLN21 or SLN22 is present, then the other is required.	
		her SLN23 or SLN24 is present, then the other is required.	
		her SLN25 or SLN26 is present, then the other is required.	
Semantic Notes:		her SLN27 or SLN28 is present, then the other is required. 01 is the identifying number for the subline item.	
		02 is the identifying number for the subline level. The subline	
	leve	I is analogous to the level code used in a bill of materials.	
		03 is the configuration code indicating the relationship of the	
		ine item to the baseline item. 08 is a code indicating the relationship of the price or amount to	
		associated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	
		01 is related to (but not necessarily equivalent to) the baseline	
		number. Example: 1.1 or 1A might be used as a subline number	
		elate to baseline number 1. 09 through SLN28 provide for ten different product/service IDs	
		each item. For example: Case, Color, Drawing No., U.P.C. No.,	
		N No., Model No., or SKU.	
Notes:	SLN*FA	*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]	
Ref.	Data	Data Element Summary	
Des.	Data <u>Element</u>	Name	
<u>Attributes</u>			
SLN01	350	Assigned Identification M AN 1	/20
		Alphanumeric characters assigned for differentiation within a	
		transaction set	
		"FA"	

SLN04	380	Quantity Numeric value of quantity	X	R 1/15
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"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Assigned Identification

transaction set

А

**Relationship Code** 

Alphanumeric characters assigned for differentiation within a

AN 1/20

ID 1/1

0

Μ

М

Μ

SLN02

SLN03

350

662

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

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	<b>7</b> If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
Notos	
Notes:	SI*TI*SA*FA (CX-66)*SC*FEATURE (CX-67) SI*TI*FD*FEATURE DETAIL (CX-68) [SI Segment may repeat]

			Data Element Summa	ir <b>y</b>		
	Ref.	Data				
	Des.	Element	Name			
	Attributes					
М	SI01	559	Agency Qualifier Code		М	ID 2/2
			Code identifying the ager	cy assigning the code values		
			TI Teleco	ommunications Industry		
М	SI02	1000	Service Characteristics	Qualifier	Μ	AN 2/2
			Code from an industry co characteristics	de list qualifying the type of ser	vice	
			FD Featu	re Data		
			SA Servio	e Activity		
М	SI03	234	Product/Service ID		М	AN 1/48
			Identifying number for a p	product or service		
			FA(CX-66) = Feature Act A=(DWS: N-Add) CF=(DWS: C-Change D=(DWS: D-Disconne V=(DWS: V-Conversio CT=(DWS: T-Change	(old values)) act) on as Specified) (new values))		
	010.4	4000	FEATURE DETAIL (CX-6	•	v	
	SI04	1000	Service Characteristics		X	AN 2/2
			Code from an industry co characteristics	de list qualifying the type of ser	vice	
			SC Servic	e Category		
	SI05	234	Product/Service ID	-	Х	AN 1/48
			Identifying number for a p	product or service		
			FEATURE(CX-67) = Feat	ture Codes		

Segment:	PO1 Baseline Item Data - Regular Hunting	
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.	
	<b>2</b> If PO105 is present, then PO104 is required.	
	<b>3</b> 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.	
	<ul><li>7 If either PO114 or PO115 is present, then the other is required.</li><li>8 If either PO116 or PO117 is present, then the other is required.</li></ul>	
	9 If either PO118 or PO119 is present, then the other is required.	
	<b>10</b> If either PO120 or PO121 is present, then the other is required.	
	<b>11</b> If either PO122 or PO123 is present, then the other is required.	
	<b>12</b> If either PO124 or PO125 is present, then the other is required.	
Semantic Notes:		
Comments:	1 See the Data Element Dictionary for a complete list of IDs.	
	2 PO101 is the line item identification.	
	<b>3</b> PO106 through PO125 provide for ten different product/service IDs	
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,	
	ISBN No., Model No., or SKU.	
Notes:	PO1*n*1*EA***ZZ*HG [If this segment appears, HNTYP(LSR-116) = 5]	
	Data Element Summary	
Ref.	Data	
Des.	lement Name	
Attributes	250 Assigned Identification O AN 4/20	
PO101	350 Assigned Identification O AN 1/20	
	Alphanumeric characters assigned for differentiation within a	
	transaction set "n" = nth assigned ID within PO1 loop	
<b>PO10</b> 2	11 = 100  assigned 1D within POT loop	

"n" = nth assigned ID within PO1 loop         P0102       330       Quantity Ordered Quantity ordered       X       R 1/15         Quantity ordered       1       Always One       O       ID 2/2         P0103       355       Unit or Basis for Measurement Code       O       ID 2/2         Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA       Each         P0106       235       Product/Service ID Qualifier       X       ID 2/2         Code identifying the type/source of the descriptive number used in Product/Service ID (234) ZZ       Mutually Defined         P0107       234       Product/Service ID       X       AN 1/48         Identifying number for a product or service "HG"       X       AN 1/48			transaction set		
Quantity ordered       1       Always One         PO103       355       Unit or Basis for Measurement Code       O       ID 2/2         Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken       EA       Each         PO106       235       Product/Service ID Qualifier       X       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       X       AN 1/48			"n" = nth assigned ID within PO1 loop		
1       Always One         PO103       355       Unit or Basis for Measurement Code       O ID 2/2         Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken       EA       Each         PO106       235       Product/Service ID Qualifier       X 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       X AN 1/48	PO102	330	Quantity Ordered	Х	R 1/15
PO103       355       Unit or Basis for Measurement Code       O       ID 2/2         Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken       EA       Each         PO106       235       Product/Service ID Qualifier       X       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       X       AN 1/48			Quantity ordered		
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken         EA       Each         PO106       235       Product/Service ID Qualifier       X       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       X       AN 1/48         Identifying number for a product or service       X       AN 1/48			1 Always One		
manner in which a measurement has been taken       EA       Each         PO106       235       Product/Service ID Qualifier       X       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       X       AN 1/48         Identifying number for a product or service	PO103	355	Unit or Basis for Measurement Code	0	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       X       AN 1/48         Identifying number for a product or service			manner in which a measurement has been taken	esse	d, or
Product/Service ID (234) ZZ Mutually Defined PO107 234 Product/Service ID X AN 1/48 Identifying number for a product or service	PO106	235	Product/Service ID Qualifier	Χ	ID 2/2
Identifying number for a product or service			Product/Service ID (234)	er u	sed in
"HG"	PO107	234	Identifying number for a product or service	X	AN 1/48
			"HG"		

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.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*SA*HA (LSR-112)
	SI*TI*SG*HID (LSR-113)
	SI*TI*SF*HNTYP (LSR-116)

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<b>Attributes</b>					
Μ	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
				ustry code list qualifying the type of se	rvice	•
			characteristics SA	Somulas Activity		
			•••	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
Μ	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying numbe	r for a product or service		
			. , ,	Hunt Group Activity		
			A=(DWS: N-Ne)	,		
			C=(DWS: C-Ch D=(DWS: D-Re			
				nversion as specified)		
			1-(2000. 7 00)			
			HNTYP (LSR-116	b) = Hunting Type Code		
				5-Regular/Series)		
			HTY004=(DWS	: 4-Multi-Line)		
			HID (LSR-113) =	Hunt Group Identifier		
			(-0)(-0) =			

		-		
Segment:	KEF	Reference Identification		
Position:	1000			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1 T			
Purpose:		ify identifying information east one of REF02 or REF03 is required.		
Syntax Notes:		her C04003 or C04004 is present, then the other is required.	Ч	
		her C04005 or C04006 is present, then the other is required		
Semantic Notes:		04 contains data relating to the value cited in REF02.	u.	
Comments:				
Notes:	<b>REF*IX*</b>	HNUM(LSR-110)*HNUM		
	<b>REF*IX*</b>	LOCNUM(LSR-109)*LOCNUM		
<b>-</b> /	-	Data Element Summary		
Ref.	Data	News		
Des.	Data Element	Name		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>		л	חן 2/3
<u>Des.</u> <u>Attributes</u>		Reference Identification Qualifier	И	ID 2/3
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Reference Identification Qualifier         N           Code qualifying the Reference Identification         Identification	И	ID 2/3
Des. <u>Attributes</u> A REF01	Element 128	Reference Identification QualifierMCode qualifying the Reference IdentificationIXIXItem Number		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Reference Identification QualifierMCode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationX	<	AN 1/30
Des. <u>Attributes</u> A REF01	Element 128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       M         IX       Item Number         Reference Identification       M         Reference Identification       M         Reference Identification       M         Reference Identification       M	<	AN 1/30
Des. <u>Attributes</u> M REF01	Element 128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       M         IX       Item Number         Reference Identification       M         Reference Identificat	<	AN 1/30
Des. <u>Attributes</u> A REF01	Element 128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       M         IX       Item Number         Reference Identification       M         HNUM(LSR-110) = Hunt Number       H	<	AN 1/30
Des. Attributes A REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference information as defined for a particular Transaction       X         Reference information as defined for a particular Transaction       X         HNUM(LSR-110) = Hunt Number       LOCNUM(LSR-109) = Location Number	<b>(</b> ion	<b>AN 1/30</b> Set or as
Des. <u>Attributes</u> M REF01	Element 128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification Qualifier       HNUM(LSR-110) = Hunt Number         LOCNUM(LSR-109) = Location Number       X         Description       X	<b>(</b> ion	AN 1/30 Set or as AN 1/80
Des. Attributes A REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification Qualifier       HNUM(LSR-110) = Hunt Number         LOCNUM(LSR-109) = Location Number       X         Description       X         A free-form description to clarify the related data elements	<b>(</b> ion	AN 1/30 Set or as AN 1/80
Des. Attributes A REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification Qualifier       HNUM(LSR-110) = Hunt Number         LOCNUM(LSR-109) = Location Number       X         Description       X         A free-form description to clarify the related data elements content	<b>(</b> ion	AN 1/30 Set or as AN 1/80
Des. Attributes A REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification Qualifier       HNUM(LSR-110) = Hunt Number         LOCNUM(LSR-109) = Location Number       X         Description       X         A free-form description to clarify the related data elements	<b>(</b> ion	AN 1/30 Set or as AN 1/80

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	<b>a</b> ,		Subline Item Detail		
	Segment:		Subline Item Detail		
	Position:	4700 SLN	Ontional		
	Loop: Level:	SLN Detail	Optional		
	Usage:	Optional			
	Max Use:	1			
	Purpose:	•	fy product subline detail item data		
	Syntax Notes:		her SLN04 or SLN05 is present, then the other is require	d.	
			N07 is present, then SLN06 is required.		
		3 If SL	N08 is present, then SLN06 is required.		
			her SLN09 or SLN10 is present, then the other is require		
			her SLN11 or SLN12 is present, then the other is require		
			her SLN13 or SLN14 is present, then the other is require		
			her SLN15 or SLN16 is present, then the other is require		
			her SLN17 or SLN18 is present, then the other is require her SLN19 or SLN20 is present, then the other is require		
			her SLN21 or SLN22 is present, then the other is require		
			her SLN23 or SLN24 is present, then the other is require		
			her SLN25 or SLN26 is present, then the other is require		
			her SLN27 or SLN28 is present, then the other is require		
S	emantic Notes:		01 is the identifying number for the subline item.		
			02 is the identifying number for the subline level. The su		
			is analogous to the level code used in a bill of materials		
			03 is the configuration code indicating the relationship of ne item to the baseline item.	uie	
			08 is a code indicating the relationship of the price or an	nount	to
			associated segment.	lount	10
	Comments:		the Data Element Dictionary for a complete list of IDs.		
			01 is related to (but not necessarily equivalent to) the ba	seline	э
		item	number. Example: 1.1 or 1A might be used as a subline	num	ber
			late to baseline number 1.		
			09 through SLN28 provide for ten different product/servic		
			ach item. For example: Case, Color, Drawing No., U.P.C I No., Model No., or SKU.	. NO.	••
	Notes:		T*n*A*1*EA		
	10100.	0211111			
			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name		
_	<u>Attributes</u>				
Λ	SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation with	thin a	l
			transaction set		
			"HNT"	_	
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with	thin a	1
			transaction set		
	<b>0</b> 1 1100	000	"n" = nth assigned ID within SLN loop		
/1	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	<b></b> .				

Μ

SLN04

Updated: March 11, 2002

Quantity

Numeric value of quantity

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

380

X R 1/15

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is b manner in which a measurement has been tak EA Each	0 1

Segment:	N9 Reference Identification
Posi tion:	5230
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.
	<b>3</b> 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*55*HTSEQ

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		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier "HTSEQ"	ransaction	Set or as

MT)	Text		
5250			
N9	Optional		
Detail	•		
Optional			
>1			
To speci	fv textual data		
•	•		
	• •		
		ore pri	nt".
	•		,
	Data Element Summary		
Data	-		
<u>Element</u>	Name		
1551	Message Text	Х	AN 1/4096
	To transmit large volumes of message text		
	5250 N9 Detail Optional >1 To speci 1 If M <sup>-</sup> 2 If M <sup>-</sup> 3 If M <sup>-</sup> 1 MTX 1 If M <sup>-</sup> then MTX**H <sup>-</sup> Data <u>Element</u>	N9 Optional Detail Optional >1 To specify textual data 1 If MTX01 is present, then MTX02 is required. 2 If MTX03 is present, then MTX02 is required. 3 If MTX05 is present, then MTX04 is required. 1 MTX05 is the number of lines to advance before printing. 1 If MTX04 is "AA - Advance the specific number of lines before then MTX05 is required. MTX**HTSEQ(LSR-118) Data Element Summary Data Element Name 1551 Message Text	<ul> <li>5250</li> <li>N9 Optional</li> <li>Detail</li> <li>Optional</li> <li>&gt;1</li> <li>To specify textual data</li> <li>1 If MTX01 is present, then MTX02 is required.</li> <li>2 If MTX03 is present, then MTX02 is required.</li> <li>3 If MTX05 is present, then MTX04 is required.</li> <li>1 MTX05 is the number of lines to advance before printing.</li> <li>1 If MTX04 is "AA - Advance the specific number of lines before print then MTX05 is required.</li> <li>MTX**HTSEQ(LSR-118)</li> </ul> Data Element Summary Data Element Name 1551 Message Text X

HTSEQ(LSR-118) = Hunting Sequence

Segment:	P01	Baseline Item Data - Multi-Line Hunting						
Position:	0100							
Loop:	PO1							
Level:	Detail							
Usage:	Mandato	ry						
Max Use:	1							
Purpose:		fy basic and most frequently used line item data.						
Syntax Notes:		0103 is present, then PO102 is required.						
		0105 is present, then PO104 is required.						
		her PO106 or PO107 is present, then the other is required.						
		her PO108 or PO109 is present, then the other is required.						
		her PO110 or PO111 is present, then the other is required.						
		her PO112 or PO113 is present, then the other is required. her PO114 or PO115 is present, then the other is required.						
		her PO116 or PO117 is present, then the other is required.						
		her PO118 or PO119 is present, then the other is required.						
		her PO120 or PO121 is present, then the other is required.						
		her PO122 or PO123 is present, then the other is required.						
		her 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 PO1	01 is the line item identification.						
		06 through PO125 provide for ten different product/service						
		each item. For example: Case, Color, Drawing No., U.P.C. I	۱o.,					
		I No., Model No., or SKU.						
Notes:	PO1*n*1	*EA***ZZ*ML [If this segment appears, HNTYP(LSR-116)	= 4]					
<b>.</b> (		Data Element Summary						
Ref.	Data	Nome						
Des.	<u>Element</u>	Name						
<u>Attributes</u> PO101	350	Assigned Identification C	AN 1/20					
10101	550	Alphanumeric characters assigned for differentiation within						
		transaction set	a					
		"n" = nth assigned ID within PO1 loop						
PO102	330	Quantity Ordered X	R 1/15					
FUIUZ	550	-	N 1/13					
		Quantity ordered						
		1 Always One						

#### PO103 355 O ID 2/2 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ΕA Each PO106 X ID 2/2 235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) ΖZ Mutually Defined PO107 234 **Product/Service ID** X AN 1/48 Identifying number for a product or service "ML"

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:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> </ol>
Semantic Notes:	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI <sup>*</sup> SA*HA (LSR-112) SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116) SI*TI*TQ*TLI (LSR-115)

			Data Element	Summary		
	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	ne agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			A= (DWS: Ń-Ne C= (DWS: C-Ch D= (DWS: D-Re V= (DWS: V-Co	ange)		
			· · · ·	5-Regular/Series)		
			```	Hunt Group Identifier		
			L  (LSR-115) =	Telephone Line Identifier		

		-		
Segment:	KEF	Reference Identification		
Position:	1000			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1 Ta ana a'			
Purpose:		ify identifying information east one of REF02 or REF03 is required.		
Syntax Notes:		her C04003 or C04004 is present, then the other is require	Ь	
		her C04005 or C04006 is present, then the other is require		
Semantic Notes:		04 contains data relating to the value cited in REF02.	<i>.</i>	
Comments:				
Notes:	<b>REF*IX*</b>	HNUM(LSR-110)*HNUM		
	REF*IX*	LOCNUM(LSR-109)*LOCNUM		
<b>-</b> <i>i</i>		Data Element Summary		
Ref.	Data	Nome		
Des.	Data <u>Element</u>	Name		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>		м	ID 2/3
<u>Des.</u> <u>Attributes</u>		Reference Identification Qualifier	М	ID 2/3
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Reference Identification Qualifier         I           Code qualifying the Reference Identification         I	м	ID 2/3
Des. <u>Attributes</u> M REF01	<u>Element</u> 128	Reference Identification QualifierICode qualifying the Reference IdentificationIXIXItem Number		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Reference Identification QualifierICode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationIX	x	AN 1/30
Des. <u>Attributes</u> M REF01	<u>Element</u> 128	Reference Identification Qualifier       I         Code qualifying the Reference Identification       I         IX       Item Number         Reference Identification       I         Reference Identification       I         Reference Identification       I         Reference Identification       I	x	AN 1/30
Des. <u>Attributes</u> M REF01	<u>Element</u> 128	Reference Identification Qualifier       I         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         <	x	AN 1/30
Des. <u>Attributes</u> M REF01	<u>Element</u> 128	Reference Identification Qualifier       I         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         Item       IX         Reference       IX         Reference       IX         Reference       IX	x	AN 1/30
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification Qualifier       I         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         NUM(LSR-110) = Hunt Number       IX         LOCNUM(LSR-109) = Location Number       IX	X	<b>AN 1/30</b> Set or as
Des. <u>Attributes</u> M REF01	<u>Element</u> 128	Reference Identification Qualifier       I         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         Item Number       IX         LOCNUM(LSR-109)       IX         Reference       IX         Reference       IX	X tion	AN 1/30 Set or as AN 1/80
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification Qualifier       I         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         Specified by the Reference Identification Qualifier       INUM(LSR-110) = Hunt Number         LOCNUM(LSR-109) = Location Number       IX         Description       IX         A free-form description to clarify the related data elements	X tion	AN 1/30 Set or as AN 1/80
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification Qualifier       I         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         Specified by the Reference Identification Qualifier       INUM(LSR-110) = Hunt Number         LOCNUM(LSR-109) = Location Number       IX         Description       IX         A free-form description to clarify the related data elements content       IX	X tion	AN 1/30 Set or as AN 1/80
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification Qualifier       I         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         Specified by the Reference Identification Qualifier       INUM(LSR-110) = Hunt Number         LOCNUM(LSR-109) = Location Number       IX         Description       IX         A free-form description to clarify the related data elements	X tion	AN 1/30 Set or as AN 1/80

Updated: March 11, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4700 SLN Detail Optional 1 To specif 1 If eitt 2 If SL 3 If SL 4 If eitt 5 If eitt 6 If eitt 7 If eitt 8 If eitt 9 If eitt	Subline Item Detail Optional by product subline detail item data her SLN04 or SLN05 is present, then the other is required N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required her SLN11 or SLN12 is present, then the other is required her SLN13 or SLN14 is present, then the other is required her SLN15 or SLN16 is present, then the other is required her SLN17 or SLN18 is present, then the other is required her SLN19 or SLN20 is present, then the other is required her SLN19 or SLN22 is present, then the other is required	1. 1. 1. 1. 1.	
Semantic Notes: Comments:	<ul> <li>11 If eith</li> <li>12 If eith</li> <li>13 If eith</li> <li>1 SLN0</li> <li>2 SLN0</li> <li>1 evel</li> <li>3 SLN0</li> <li>3 SLN0</li> <li>4 SLN0</li> <li>1 See</li> <li>2 SLN0</li> <li>item</li> <li>to rei</li> <li>3 SLN0</li> </ul>	her SLN23 or SLN24 is present, then the other is required her SLN25 or SLN26 is present, then the other is required of SLN27 or SLN28 is present, then the other is required of is the identifying number for the subline item. D2 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of ne item to the baseline item. D8 is a code indicating the relationship of the price or amount issociated segment. The Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the base number. Example: 1.1 or 1A might be used as a subline late to baseline number 1. D9 through SLN28 provide for ten different product/service	I. I. Iine the ount seline numl e IDs	e Der
		ach item. For example: Case, Color, Drawing No., U.P.C. I No., Model No., or SKU.	. No.	,
Notes:		NT*n*A*1*EA		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
A SLN01	350	Assigned Identification	М	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set "MHNT"	nin a	
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation with transaction set	<b>o</b> nin a	AN 1/20
A SLN03	662	"n" = nth assigned ID within SLN loop Relationship Code	м	ID 1/1
	502	Code indicating the relationship between entities A Add		
SLN04	380	Quantity	Х	R 1/15

Numeric value of quantity

М

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is b manner in which a measurement has been tak EA Each	0 1

Segment:	N9 Reference Identification
Position:	5230
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.
	<b>3</b> 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*55*HTSEQ

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		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier "HTSEQ"	ransaction	Set or as

Segment:	MTX Text		
Position:	5250		
Loop:	N9 Optional		
Level:	, Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:		, then MTX02 is required.	
	•	, then MTX02 is required.	
	•	, then MTX04 is required.	
Semantic Notes:		er of lines to advance before print	ting.
Comments:		dvance the specific number of line	
	then MTX05 is requ	-	• •
Notes:	MTX**HTSEQ(LSR-118		
		,	
<b>D</b> .(		ent Summary	
Ref.	Data		
Des.	<u>lement</u> <u>Name</u>		
Attributes	4554 Maaaaaa Taa		X AN 4/4000
MTX02	1551 Message Tex		X AN 1/4096
	To transmit la	ge volumes of message text	

HTSEQ(LSR-118) = Hunting Sequence

Segment:	P01	Baseline Item Data - DL Form (Delivery					
Position: Loop: Level: Usage: Max Use: Purpose:	Address 0100 PO1 Detail Mandato 1 To speci	/Information Section) Mandatory	very				
Syntax Notes:	<ul> <li>2 If PC</li> <li>3 If eit</li> <li>4 If eit</li> <li>5 If eit</li> <li>6 If eit</li> <li>7 If eit</li> <li>8 If eit</li> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> </ul>	0103 is present, then PO102 is required. 0105 is present, then PO104 is required. her PO106 or PO107 is present, then the other is require her PO108 or PO109 is present, then the other is require her PO110 or PO111 is present, then the other is require her PO112 or PO113 is present, then the other is require her PO114 or PO115 is present, then the other is require her PO116 or PO117 is present, then the other is require her PO118 or PO119 is present, then the other is require her PO118 or PO119 is present, then the other is require her PO120 or PO121 is present, then the other is require her PO122 or PO123 is present, then the other is require her PO124 or PO125 is present, then the other is require	d. d. d. d. d. d. d.				
Semantic Notes: Comments:	<ol> <li>If either PO124 or PO125 is present, then the other is required.</li> <li>See the Data Element Dictionary for a complete list of IDs.</li> <li>PO101 is the line item identification.</li> <li>PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No.,</li> </ol>						
Notes:		No., Model No., or SKU. *EA***ZZ*DA [PO1 Loop repeats DDQTY(DL-23) times	]				
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>					
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set "n" = nth assigned ID within PO1 loop	<b>O</b> hin a	<b>AN 1/20</b>			
PO102	330	Quantity Ordered       Quantity ordered       1     Always One	X	R 1/15			
PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expre- manner in which a measurement has been taken EA Each	<b>O</b> esse	<b>ID 2/2</b> d, or			
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	X ber u	ID 2/2 sed in			
PO107	234	Product/Service ID Identifying number for a product or service	X	AN 1/48			

"DA"

Segment:	SI Service Characteristic Identification
Position: Loop: Level: Usage:	0180 PO1 Mandatory Detail Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*AD*DACT (DL-81)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values	5	
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of s characteristics AD Address Activity	service	9
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			DACT(DL-81) = Delivery Activity		

Segment:	QTY Quantity
Position:	2930
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	QTY*31*DIRQTYA(DL-103)*DY
	Data Element Summary
Ref	Data

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
QTY01	673	Quantity Qualifier		М	ID 2/2
		Code specifying the	e type of quantity		
		31	Additional Demand Quantity		
QTY02	380	Quantity		Х	R 1/15
		Numeric value of qu	uantity		
		DIRQTYA(DSR-103	B) = Number of Directories for Annua	l Del	ivery
QTY03	C001	Composite Unit of	Measure	0	
		To identify a compo examples of use)	site unit of measure (See Figures A	pper	ndix for
C00101	355	Unit or Basis for M	leasurement Code	Μ	ID 2/2
			<b>5</b> 1	esse	d, or
			•		
			Number of directory books delivered	to c	ustomer
	Des. Attributes QTY01 QTY02 QTY03	Des. Attributes QTY01Element 673QTY02380QTY03C001	Des. Attributes QTY01ElementNameAttributes QTY01673Quantity Qualifier Code specifying the 31QTY02380Quantity Numeric value of qu 	Des. Attributes QTY01       Element       Name         673       Quantity Qualifier       Code specifying the type of quantity         31       Additional Demand Quantity         QTY02       380       Quantity         Numeric value of quantity       Numeric value of quantity         DIRQTYA(DSR-103) = Number of Directories for Annual         QTY03       C001         Composite Unit of Measure         To identify a composite unit of measure (See Figures A examples of use)         C00101       355         Unit or Basis for Measurement Code         Code specifying the units in which a value is being expresent manner in which a measurement has been taken DY	Des. Attributes QTY01       Element       Name         QTY01       673       Quantity Qualifier       M         Code specifying the type of quantity 31       Additional Demand Quantity       M         QTY02       380       Quantity       X         Numeric value of quantity       J       Numeric value of quantity         QTY03       C001       Composite Unit of Measure to identify a composite unit of measure (See Figures Apper examples of use)       O         C00101       355       Unit or Basis for Measurement Code manner in which a measurement has been taken       M

Segment:	QTY Quantity
Position:	2930
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: Comments:	<b>1</b> QTY04 is used when the quantity is non-numeric.
Notes:	QTY*38*DIRQTYNC(DL-104)*DY

**Data Element Summary** Ref. Data Des. Element Name <u>Attributes</u> М QTY01 673 **Quantity Qualifier** M ID 2/2 Code specifying the type of quantity 38 **Original Quantity** 380 **QTY02** Quantity Х R 1/15 Numeric value of quantity DIRQTYNC(DL-104) = Number of Directories Delivered on New Connect QTY03 C001 **Composite Unit of Measure** 0 To identify a composite unit of measure (See Figures Appendix for examples of use) М C00101 355 Unit or Basis for Measurement Code M ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken DY **Directory Books** Number of directory books delivered to customer

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.
	<b>2</b> If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*DA*DELNAME

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier (	Code	Μ	ID 2/3
		Code identifying a or an individual DA	n organizational entity, a physical loca Delivery Address	tion,	, property
N102	93	Name		Χ	AN 1/60
		Free-form name			
		"DELNAME"			

Segment:	N4 a	Geographic Location	
Position:	3800		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:		ify the geographic place of the named party	
Syntax Notes:		one of N402 or N407 may be present.	
		106 is present, then N405 is required.	
•	3 If N4	107 is present, then N404 is required.	
Semantic Notes:			
Comments:		mbination of either N401 through N404, or N405 and N406	s may
		dequate to specify a location.	-l-
Netes		2 is required only if city name (N401) is in the U.S. or Cana	ida.
Notes:	IN4 STF	ATE(DL-99)*ZIP(DL-100)	
		Dete Flement Summer	
Ref.	Data	Data Element Summary	
Des.		Nama	
<u>Des.</u> Attributes	<u>Element</u>	Name	
N402	156	State or Province Code	X ID 2/2
		Code (Standard State/Province) as defined by appropriate	e aovernment
		agency	gerennen
		STATE(DL-99) = State/Province	
N403	116		O ID 3/15
	-	Code defining international postal zone code excluding pu	incluation and
		blanks (zip code for United States)	
		ZIP(DL-100) = ZIP/Postal Code	

#### 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\*DDANO (DL-85) NX2\*02\*DDASN (DL-88) NX2\*03\*DDASD (DL-87) NX2\*07\*CITY (DL-98)

NX2\*03\*DDASD (DL-87) NX2\*07\*CITY (DL-98) NX2\*18\*DDALO (DL-90a) NX2\*40\*DDASS (DL-90) NX2\*59\*DDAPR (DL-84) NX2\*61\*DDASF (DL-86) NX2\*62\*DDATH (DL-89)

			Data Element	Summary		
	Ref.	Data				
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
м	NX201	1106	Address Compo	nent Qualifier	м	ID 2/2
			•	ne type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
м	NX202	166	Address Informa		м	AN 1/55
			Address informati	on		
				= Delivery Address Number		
				= Delivery Address Street Name		
			. ,	= Delivery Address Street Directional F	refix	
			CITY (DL-98) = C	•		
			DDALO (DL-90a)	= Delivery Address Location		
				<ul> <li>Delivery Address Street Directional S</li> </ul>	uffix	
				= Delivery Address Number Prefix		
			· · /	Delivery Address Number Suffix		
			DDATH (DL-89) =	Delivery Address Street Type		

Segment:	PO1 Baseline Item Data - DL Form (Service Details Section)
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
	for Directory Listing (Service Details Section) Form.
Syntax Notes:	<ol> <li>If PO103 is present, then PO102 is required.</li> </ol>
	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.
	<b>9</b> 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:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*DL*SH*RTY(DL-12)*LS*SO(DL-56a) [PO1 Loop may repeat]

Def		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation transaction set	within a	a
		"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 ex manner in which a measurement has been taken EA Each	presse	d, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive nu Product/Service ID (234) ZZ Mutually Defined	mber u	ised in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"DL"		
		DL		
PO108	235	DL Product/Service ID Qualifier	х	ID 2/2

		Product/Service ID (234)		
		SH Service Reque	ested	
			Iphanumeric code from a l	list of
PO109	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product of	r service	
		RTY(DL-12) = Record Type		
PO110	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of Product/Service ID (234) LS Load Sequence	·	used in
PO111	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product of	r service	
		SO(DL-56a) = Sequence Override	)	

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.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	<ul> <li>8 If either SI18 or SI19 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present then the other is required.</li> </ul>
Semantic Notes:	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Comments:	1 SI01 defines the source for each of the service characteristics
ooninients.	qualifiers.
Notes:	SI*TI*LB*LACT(DL-10)
	SI*TI*LE*LTY(DL-13)
	SI*TI*TW*STYC(DL-15)
	SI*TI*BR*TOA(DL-16)
	SI*TI*DG*DOI(DL-17)
	SI*TI*DN*DIRNAME(DL-34)
	SI*TI*BO*BRO(DL-28)
	SI*TI*DU*HS(DL-46a)
	SI*TI*C3*HTN(DL-46b)
	SI*TI*C4*HNSTN(DL-46c)
	SI*TI*C5*FATN(DL-56c)
	SI*TI*C6*FANSTN(DL-56d)
	Data Element Summary

Data Element	Summary
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			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	
			BO	Business/Residence Placement Over	rride	
			BR	Directory Listings Type of Account		
			C3	Header Telephone Number		
			C4	Header Non-Standard Telephone Nu	mbe	r
			C5	Sequence Telephone Number		
			C6	File After Non-Standard Telephone N	lumb	er
			DG	Degree of Indent		
			DN	Directory Book Name		
			DU	Directory Caption Header Status		
			LB	Listing Activity Indicator		

S103	234	LE TW <b>Product/Service</b> Identifying numbe	Listing Type Style <b>ID</b> r for a product or service	M	AN 1/48
		LTY(DL-13) = ListSTYC(DL-15) = STOA(DL-16) = TypDOI(DL-17) = DegDIRNAME(DL-34)BRO(DL-28) = BuHS(DL-46a) = HetHTN(DL-46b) = HHNSTN(DL-46c) =FATN(DL-56c) = I	tyle Code be of Account gree of Indent ) = Directory Name isiness/Residence Placement Overrid	umber	per

Segment:	PID	Product/Item Des	scription			
Position:	0500					
Loop: Level:	PID Detail	Optional				
Usage:	Optional					
Max Use:	1					
Purpose:			rocess in coded or free-form format			
Syntax Notes:						
			n PID03 is required.			
		•	n PID04 is required.			
Semantic Notes:			n PID05 is required. the organization that publishes the coo	to lie	+	
Semantic Notes.		g referred to.	the organization that publishes the coc	10 113	i i	
	2 PID	04 should be used	for industry-specific product description	n		
	code			، ۱ ۱:4	i e el	
			nysical characteristics of the product ic es that the specified attribute applies t			
			t does not apply. Any other value is		-	
		terminate.				
Comments:			fy the language being used in PID05. en PID05 is used. If PID01 equals "S",	ther	h	
oonments.			1 equals "X", then both PID04 and PID			
	useo					
		PID06 when neces g described in the	ssary to refer to the product surface or	laye	er	
			lividual code list of the agency specifie	ed in		
	PID	)3.				
Notes:		TI*AR***SO-RSQ*\ TI*AS***SO-RSQ*L				
		TI*AT***SO-RSQ*A				
	PID*S**	TI*AW***SO-RSQ*	DML (DL-25)			
		TI*AX***SO-RSQ*I				
		ΓΙ*ΑΥ***SO-RSQ* <sup>−</sup> ΓΙ*BA***SO-RSQ*Ι				
		Data Element				
Ref.	Data		,			
	<u>Element</u>	<u>Name</u>				
Attributes M PID01	349	Item Description		М	ID 1/1	
		•	ne format of a description			
		S	Structured (From Industry Code List	)		
PID03	559	Agency Qualifier	Code	X	ID 2/2	
		Code identifying t	he agency assigning the code values			
		TI	Telecommunications Industry			
PID04	751	Product Descrip		Х	AN 1/12	
		A code from an ir product character	ndustry code list which provides specif	ic da	ta about a	
		AR	Omit Telephone Number			
		AS	Listed Name Placement			
		AT	Address Indicator			
		AW	Direct Mail List			
Updated: March 11, 2002		est Communications			135	

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er RSQ Service Order	dentifier O le or text maintained by the	AN 1/15 Source
e Subqualifier rence that indicates the tab er RSQ Service Order	O le or text maintained by the	
ence that indicates the tab er RSQ Service Order	le or text maintained by the	
er RSQ Service Order		Source
	- Reseller Questions List	
o Condition or Response	Code O	ID 1/1
-		
(DL-41) = Omit TN (DWS: O-Omit) ank=(DWS: Blank-Do Not C (DL-44) = Letter Name Place (DWS: L-Letter Placement ank= (DWS: Blank-Default L-61) = Address Indicator (DWS: O-Omit in DA and c ank=(DWS: Blank-Do not o	Dmit) cement ) to Word Placement) lirectory)	
(DWS: O-Omit) ank=(DWS: Blank-Do not o (DL-27) = Telemarketing DWS: O-Omit from Telema ank=(DWS: Blank-Do not C (DL-26) = No Solicitation In	arketing) Dmit] ndicator	
i $N = 1$ a $(= 1$ a $D = 1$ a $(= 1$ a $D = 1$ a $(= 1$ a $(= 1)$ a $(=$	indicating a Yes or No cond N (DL-41) = Omit TN =(DWS: O-Omit) lank=(DWS: Blank-Do Not O (DL-44) = Letter Name Place =(DWS: L-Letter Placement lank= (DWS: Blank-Default DL-61) = Address Indicator =(DWS: O-Omit in DA and o lank=(DWS: Blank-Do not o (DL-25) = Direct Mail List =(DWS: O-Omit) Blank=(DWS: Blank-Do not o (DL-27) = Telemarketing =(DWS: O-Omit from Telema lank=(DWS: Blank-Do not O (DL-26) = No Solicitation In	indicating a Yes or No condition or response N (DL-41) = Omit TN =(DWS: O-Omit) lank=(DWS: Blank-Do Not Omit) (DL-44) = Letter Name Placement =(DWS: L-Letter Placement) lank= (DWS: Blank-Default to Word Placement) DL-61) = Address Indicator =(DWS: O-Omit in DA and directory) lank=(DWS: Blank-Do not omit) (DL-25) = Direct Mail List =(DWS: O-Omit) Blank=(DWS: Blank-Do not omit]

Segment:	<b>REF</b> Reference Identification
Position:	1000
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	<b>1</b> REF04 contains data relating to the value cited in REF02.
Notes:	REF*LI*ALI(DL-11)
	Data Element Summary
Ref.	Data
<u>Des.</u> <u>Attributes</u>	Element Name

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier ALI(DL-11) = Alpha/Numeric Listing Identifier

Line Item Identifier (Seller's)

Reference information as defined for a particular Transaction Set or as

М

REF01

REF02

128

127

LI

M ID 2/3

X AN 1/30

Segment:	N9 Reference Identification
Position:	3300
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.
	<b>3</b> 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*82*PLA

		Data Element S	Summary		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name			
N901	128	<b>Reference Identif</b>	lication Qualifier	Μ	ID 2/3
		Code qualifying th	e Reference Identification		
		82	Data Item Description (DID) Referen	ice	
			Specific data elements that the gove a contractor to provide and are spell specific requirement documents		
N902	127	<b>Reference Identif</b>		Х	AN 1/30
			ation as defined for a particular Transa eference Identification Qualifier	action	Set or as
		"PLA"			

Segment:	MTX Text							
Position:	3400							
Loop:	N9 Optional							
Level:	Detail							
Usage:	Optional							
Max Use:	>1							
Purpose:	To specify textual data							
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>							
	2 If MTX03 is present, then MTX02 is required.							
	3 If MTX05 is present, then MTX04 is required.							
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>							
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print",							
	then MTX05 is required.							
Notes:	MTX**PLA(DL-55)							
	Data Element Summary							
Ref.	Data							
Des.	<u>Element</u> <u>Name</u>							
<u>Attributes</u>								
MTX02	1551 Message Text	Х	AN 1/4096					

PLA(DL-55) = Place Listing As

To transmit large volumes of message text

Segment:	N9 Reference Identification							
Position:	3300							
Loop:	N9 Optional							
Level:	Detail							
Usage:	Optional							
Max Use:	1							
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier							
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>							
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>							
Comments:								
Notes:	N9*82*LTXTY*LTXTY(DL-57)							
	Data Element Summary							
Ref.	Data							
<u>Des.</u> <u>Attributes</u>	Element Name							
	400 Deference Identification Qualifier M ID 0/2							

<u>Attributes</u>				
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		82 Data Item Description (DID) R	eference	
		Specific data elements that th a contractor to provide and are specific requirement documen	e spelled o	
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular specified by the Reference Identification Qualifier		n Set or as
		"LTXTY"		
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		LTXTY(DL-57) = Listing Text Type		

Segment:	MTX Text							
Position:	3400							
Loop:	N9 Optional							
Level:	Detail							
Usage:	Optional							
Max Use:	>1							
Purpose:	To specify textual data							
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>							
	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**LTEXT(DL-59)							
	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

LTEXT(DL-59) = Line of Text

Updated: March 11, 2002

Segment:	N9 Reference Identification
Position:	3300
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*82*FAINFO
	Data Element Summary
Ref.	Data
Des.	Element Name

<u>Attributes</u>					
N901	128	Reference Identification Qualifier		Μ	ID 2/3
		Code qualifying the Reference Identification			
		82	Data Item Description (DID) Referen	nce	
		Specific data elements that the governme a contractor to provide and are spelled of specific requirement documents			
N902	127	<b>Reference Identi</b>	fication	Х	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
		"FAINFO"			

Segment:	MTX Text	
Position:	3400	
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 printin	g.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines	
	then MTX05 is required.	• •
Notes:	MTX**FAINFO(DL-56b)	
<b>D</b> .(	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	
<u>Attributes</u>		
MTX02	1551 Message Text	X AN 1/4096
	To transmit large volumes of message text	

FAINFO(DL-56b) = File After Information

Segment:	N9 Reference Identification
Position:	3300
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.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*DL
	Data Element Summary

		Data Element Summary		
Ref. <u>Des.</u> Attribute	Data <u>Element</u> es	Name		
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Trans specified by the Reference Identification Qualifier ORI Order Instructions	action	Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"DL"		

Segment:	MTX Text	
Position:	3400	
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.	
	<b>3</b> If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print",	
	then MTX05 is required.	
Notes:	MTX**REMARKS(DL-113)	
Ref. <u>Des.</u> <u>Attributes</u> MTX02	Data Element Summary Data <u>Element Name</u> 1551 Message Text X AN 1/4096	
IVI I AUZ		
	To transmit large volumes of message text	

REMARKS(DL-113) = Remarks

Updated: March 11, 2002

Segment:	N9 F	Reference Identification		
Position:	3300			
Loop:	N9	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:		mit identifying information as specified by the Reference ation Qualifier		
Syntax Notes:	<b>1</b> At le	ast one of N902 or N903 is required.		
		006 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is require	red	
		her C04005 or C04006 is present, then the other is requir		
Semantic Notes:		6 reflects the time zone which the time reflects.	cu.	
Semantic Notes.				
Comments:	<b>Z</b> 190	7 contains data relating to the value cited in N902.		
	NIGtootl			
Notes:	N9*82*H	IADDR		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
I N901	128	Reference Identification Qualifier	Μ	ID 2/3

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier

Data Item Description (DID) Reference

specific requirement documents

Reference information as defined for a particular Transaction Set or as

Specific data elements that the government will ask a contractor to provide and are spelled out in

Х

AN 1/30

82

"HADDR"

**Reference Identification** 

Μ

N902

127

Segment:	MTX Text		
Position:	3400		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before	e prir	nt",
	then MTX05 is required.		
Notes:	MTX**HADDR(DL-46d)		
	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

HADDR(DL-46d) = Header Address

Segment:	N1 Name
Position:	3500
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*DH*LISTINGS

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name			
N101	98	Entity Identifier (	Code	М	ID 2/3
		Code identifying a or an individual DH	n organizational entity, a physical loca Doing Business As	tion,	property
N102	93	Name Free-form name "LISTINGS"		X	AN 1/60

### IN2 Individual Name Structure Components

Segment:	IN2 Individual Name Structure Components
Position: Loop:	3650 N1 Optional
Level: Usage:	Detail Optional
Max Use:	>1
Purpose: Syntax Notes: Semantic Notes: Comments:	To sequence individual name components for maximum specificity
Notes:	IN2*01*TITLE1(DL-49)*TITLE1

IN2\*01\*TITLE1D(DL-52)\*TITLE1D IN2\*02\*LNFN(DL-46)\*LNFN(DL-46) IN2\*05\*LNLN(DL-45) IN2\*10\*TL(DL-48)\*TL IN2\*10\*TLD(DL-51)\*TLD IN2\*12\*DESD(DL-50a)\*DESD IN2\*18\*NICK(DL-54) IN2\*21\*DES(DL-47)

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	IN201	1104	Name Compone	nt Qualifier	М	ID 2/2
			Code identifying t 01 02 05 10 12 18	he type of name component Prefix First Name Last Name Generation Combined (Unstructured) Name Preferred First Name or Nickname		
NA		02	21 Name	Professional Title	54	AN 4/60
М	IN202	93	Free-form name		М	AN 1/60
			TITLE1(DL-49) = $TITLE1D(DL-52) =$ $LNFN(DL-46) = L$ $LNLN(DL-45) = L$ $TL(DL-48) = Title$ $TLD(DL-51) = Tit$ $DESD(DL-50a) =$ $NICK(DL-54) = Ni$ $DES(DL-47) = DeS$	<ul> <li>Title of Address 1 for Dual Name</li> <li>Listed Name First</li> <li>Listed Name Last</li> <li>of Lineage</li> <li>le of Lineage for Dual Name</li> <li>Designation for Dual Name</li> <li>ickname</li> </ul>		
	IN203	93	Name		0	AN 1/60
			Free-form name			
			LNFN(DL-46) = L "TITLE1" "TITLE1D" "TL" "TLD" "DESD"	isted Name First		

Segment:	N4 o	Beographic Location	
Position:	3800		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To spec	fy the geographic place of the named party	
Syntax Notes:	1 Önly	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:		mbination of either N401 through N404, or N405 and N406 n	nay
		dequate to specify a location.	
		2 is required only if city name (N401) is in the U.S. or Canada	a.
Notes:	N4**LAS	ST(DL-71)	
Def	Data	Data Element Summary	
Ref.	Data	N	
<u>Des.</u>	<u>Element</u>	Name	
<u>Attributes</u> N402	156	State or Province Code X	ID 2/2
N4UZ	100		
		Code (Standard State/Province) as defined by appropriate gagency	government
		LAST(DL-71) = Listed Address State/Province	

#### NX2 Location ID Component Segment: Position: 3850 Loop: N1 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\*LANO (DL-63) NX2\*02\*LASN (DL-66) NX2\*03\*LASD (DL-65)

NX2\*02\*LASN (DL-66) NX2\*03\*LASD (DL-65) NX2\*07\*LALOC (DL-70) NX2\*18\*LALO (DL-69) NX2\*40\*LASS (DL-68) NX2\*59\*LAPR (DL-62) NX2\*61\*LASF (DL-64) NX2\*62\*LATH (DL-67)

				Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	NX201	1106	Address Compo	nent Qualifier	М	ID 2/2
			-	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Informa	tion	Μ	AN 1/55
			Address informati	on		
			LASN (DL-66) = L LASD (DL-65) = L LALOC (DL-70) = LALO (DL-69) = I LASS (DL-68) = L LAPR (DL-62) = L LASF (DL-64) = L	Listed Address Number Listed Address Street Name Listed Address Street Directional Prefix Listed Address Locality Listed Address Location Listed Address Street Directional Suffix Listed Address Number Prefix Listed Address Number Suffix Listed Address Street Type		

Segment:	SI Service Characteristic Identification
Position:	3860
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.
	<ul><li>7 If either SI16 or SI17 is present, then the other is required.</li></ul>
	<ul><li>8 If either SI18 or SI19 is present, then the other is required.</li></ul>
	<ul><li>9 If either SI20 or SI21 is present, then the other is required.</li></ul>
Semantic Notes:	
-	1 SI01 defines the source for each of the service characteristics
Comments:	
Notoo	
Notes:	SI*TI*TN*LTN (DL-39)
	SI*TI*NS*NSTN (DL-40)

			Data Element Su	mmary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier Co	ode	Μ	ID 2/2
			Code identifying the	agency assigning the code values		
			ті т	elecommunications Industry		
М	SI02	1000	Service Characteris	stics Qualifier	Μ	AN 2/2
			Code from an indust characteristics	ry code list qualifying the type of se	rvice	
			NS N	Ion-Standard Telephone Number		
			TN T	elephone Number		
М	SI03	234	<b>Product/Service ID</b>		Μ	AN 1/48
			Identifying number for	or a product or service		
			· · · · ·	d Telephone Number n Standard Telephone Number		
				•		

Segment: Position: Loop: Level:	SLN 4700 SLN Detail	Subline Item Detail Optional		
Usage: Max Use: Purpose: Syntax Notes:	Optional 1 To speci 1 If eit 2 If SL 3 If SL 4 If eit 5 If eit 6 If eit	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required.		
Semantic Notes: Comments:	<ul> <li>8 If eit</li> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> <li>12 If eit</li> <li>13 If eit</li> <li>1 SLN</li> <li>2 SLN Ievel</li> <li>3 SLN sublit</li> <li>4 SLN the a</li> <li>1 See</li> </ul>	her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. It is the identifying number for the subline item. D2 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of the ne item to the baseline item. D8 is a code indicating the relationship of the price or amount sosociated segment. the Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the base	ne ne unt to	o
Notes:	item to re 3 SLN for e ISBN	number. Example: 1.1 or 1A might be used as a subline n late to baseline number 1. D9 through SLN28 provide for ten different product/service ach item. For example: Case, Color, Drawing No., U.P.C. I No., Model No., or SKU. PTION*n*A*1*EA****LS*SO (DL-77) [SLN Loop may rep	umbe IDs No.,	
		Data Element Summary		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
<u>Attributes</u> A SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation withitransaction set "CAPTION"		AN 1/20
SLN02	350			AN 1/20
A SLN03	662	- · ·	VI I	D 1/1
SLN04	380		K F	R 1/15

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М

			1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figure examples of use)	s Appe	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being example a manner in which a measurement has been taken EA Each	xpresse	ed, or
	SLN09	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive nu Product/Service ID (234) LS Load Sequence	umber u	ised in
	SLN10	234	Product/Service ID Identifying number for a product or service	Х	AN 1/48
			SO(DL-77) = Sequence Override		

		<b>CI</b>				
	Segment:		rvice Characteris	tic Identification		
	Position:	4800	Ontional			
	Loop: Level:	SLN Detail	Optional			
	Usage:	Optional				
	Max Use:	>1				
-	Purpose:		ify service characte			
Sy	ntax Notes:			present, then the other is required. present, then the other is required.		
				present, then the other is required.		
				present, then the other is required.		
				present, then the other is required.		
				present, then the other is required.		
				present, then the other is required.		
				present, then the other is required.		
	ntic Notes:					
	Comments:		ifiers.	e for each of the service characteristic	S	
	Notes:		G*LVL (DL-73)			
			J*PLS (DL-74)			
			5*FATN (DL-79) 3*PLTN (DL-76)			
			PLIN (DL-76) PLNSTN (DL-76a	0		
			S*FANSTN (DL-79a	,		
			Data Element	Summary		
	Ref.	Data	Data Element	Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>		Summary		
М	Des.				м	ID 2/2
М	<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name Agency Qualifier Code identifying t	• <b>Code</b> he agency assigning the code values	м	ID 2/2
М	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI	• <b>Code</b> he agency assigning the code values Telecommunications Industry	М	
M	<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name Agency Qualifier Code identifying t TI Service Character	• Code he agency assigning the code values Telecommunications Industry eristics Qualifier	М	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Characte Code from an ind	• <b>Code</b> he agency assigning the code values Telecommunications Industry	М	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Characte Code from an ind characteristics	Code he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se	М	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3	• <b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number	M	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3 C4	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu	M	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number	<b>M</b> rvice umbe	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Characte Code from an ind characteristics C3 C4 C5	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu	<b>M</b> rvice umbe	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3 C4 C5 C6	<b>Code</b> he agency assigning the code values Telecommunications Industry <b>eristics Qualifier</b> ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number File After Non-Standard Telephone I	<b>M</b> rvice umbe	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3 C4 C5 C6 DG	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number File After Non-Standard Telephone I Degree of Indent Directory Caption Header Status	<b>M</b> rvice umbe	AN 2/2
М	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3 C4 C5 C6 DG DU Product/Service	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number File After Non-Standard Telephone I Degree of Indent Directory Caption Header Status	<b>M</b> ervice umbe	AN 2/2
М	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3 C4 C5 C6 DG DU Product/Service Identifying number LVL(DL-73) = Lev	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>er for a product or service</li> </ul>	<b>M</b> ervice umbe	AN 2/2
Μ	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying t TI Service Characte Code from an ind characteristics C3 C4 C5 C6 DG DU Product/Service Identifying number LVL(DL-73) = Lev PLS(DL-74) = Prio	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Nu</li> <li>Sequence Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>r for a product or service</li> <li>rel of Indent</li> <li>or Level Status</li> </ul>	<b>M</b> ervice umbe	AN 2/2
Μ	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying t TI Service Characte Code from an ind characteristics C3 C4 C5 C6 DG DU Product/Service Identifying numbe LVL(DL-73) = Lev PLS(DL-74) = Prio FATN(DL-79) = Fit	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Nu</li> <li>Sequence Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>er for a product or service</li> <li>rel of Indent</li> <li>or Level Status</li> <li>File After Telephone Number</li> </ul>	<b>M</b> ervice umbe	AN 2/2
М	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying t TI Service Character Code from an ind characteristics C3 C4 C5 C6 DG DU Product/Service Identifying number LVL(DL-73) = Lev PLS(DL-74) = Prior FATN(DL-79) = F PLTN(DL-76) = F PLNSTN(DL-76a)	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Nu</li> <li>Sequence Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>r for a product or service</li> <li>rel of Indent</li> <li>or Level Status</li> </ul>	M prvice umbe Numb M	AN 2/2 er Der AN 1/48

Segment:	N9 Reference Identification
Position:	5230
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*82*FAINFO
Ref.	Data Element Summary Data
Dee	Element Name

<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
N901	128	<b>Reference Ident</b>	ification Qualifier	М	ID 2/3
		Code qualifying t	he Reference Identification		
		82	Data Item Description (DID) Referen	се	
			Specific data elements that the gove a contractor to provide and are spell specific requirement documents		
N902	127	<b>Reference Ident</b>	ification	Х	AN 1/30
			ation as defined for a particular Transa Reference Identification Qualifier	iction	Set or as

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Segment:	MTX	Text		
Position:	5250			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	•	fy textual data		
Syntax Notes:		TX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:	1 If M	FX04 is "AA - Advance the specific number of lines before	e prir	nt",
	then	MTX05 is required.		
Notes:	MTX**F/	AINFO(DL-78)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

FAINFO(DL-78) = File After Information

Segment:	N9 Reference Identification
Position:	5230
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.
	<b>3</b> 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*82*PLINFO
	Data Element Summary
Ref.	Data

<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
N901	128	<b>Reference Ident</b>	ification Qualifier	Μ	ID 2/3
		Code qualifying t	he Reference Identification		
		82	Data Item Description (DID) Refere	nce	
			Specific data elements that the gov a contractor to provide and are spel specific requirement documents		
N902	127	<b>Reference Ident</b>		Х	AN 1/30
		specified by the I	ation as defined for a particular Trans Reference Identification Qualifier	action	Set or as
		"PLINFO"			

Μ

Segment:	MTX Text		
Position:	5250		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before	) prii	nt",
	then MTX05 is required.		
Notes:	MTX**PLINFO(DL-75)		
	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 PLINFO(DL-75) = Prior Level Information

Segment: PO1 Baseline Item Data	
Position: 0100	
Loop: PO1 Mandatory	
Level: Detail	
Usage: Mandatory	
Max Use: 1	
<b>Purpose:</b> 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.	
<b>9</b> If either PO118 or PO119 is present, then the other is required.	
<b>10</b> If either PO120 or PO121 is present, then the other is required.	
<b>11</b> If either PO122 or PO123 is present, then the other is required.	
<b>12</b> If either PO124 or PO125 is present, then the other is required.	
Semantic Notes:	
<b>Comments:</b> 1 See the Data Element Dictionary for a complete list of IDs.	
2 PO101 is the line item identification.	
3 PO106 through PO125 provide for ten different product/service IDs	
per each item. For example: Case, Color, Drawing No., U.P.C. No.,	
ISBN No., Model No., or SKU.	
Notes: PO1*DUMMY*1*EA***ZZ*DD	

Data			
<u>Element</u>	Name		
050		~	
350	•	Ŭ	AN 1/20
	transaction set	hin a	3
	"DUMMY"		
330	Quantity Ordered	Х	R 1/15
	Quantity ordered		
	1 Always One		
355	Unit or Basis for Measurement Code	0	ID 2/2
	Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	esse	d, or
235	Product/Service ID Qualifier	Χ	ID 2/2
	Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	ber u	sed in
234	Product/Service ID	Χ	AN 1/48
	Identifying number for a product or service		
	"DD"		
	Element 350 330 355 235	Element       Name         350       Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set "DUMMY"         330       Quantity Ordered Quantity ordered         1       Always One         355       Unit or Basis for Measurement Code Code specifying the units in which a value is being exprimanner in which a measurement has been taken EA         235       Product/Service ID Qualifier Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ         234       Product/Service ID Identifying number for a product or service	Element       Name         350       Assigned Identification       O         Alphanumeric characters assigned for differentiation within a transaction set       "DUMMY"         330       Quantity Ordered       X         Quantity ordered       1       Always One         355       Unit or Basis for Measurement Code       O         Code specifying the units in which a value is being expresses manner in which a measurement has been taken       EA         EA       Each       X         Code identifying the type/source of the descriptive number u Product/Service ID (234)       X         ZZ       Mutually Defined       X         Identifying number for a product or service       X

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

Total number of line items in the transaction set

М

5	Segment:	SE 1	ransaction Set Trailer	
	Position: Loop:	0300		
	Level: Usage:	Summar Mandato		
	Max Use:	1		
	Purpose:		ate the end of the transaction set and provide the count of the red segments (including the beginning (ST) and ending (SE) rs)	9
•	ax Notes: ic Notes:	-		
Co	mments:		s the last segment of each transaction set.	
	Notes:	SE*Num	ber of Segments*TRAN SET CONTROL #	
	Def	Data	Data Element Summary	
	Ref.	Data	Nama	
	Des. Attributes	<u>Element</u>	Name	
М	SE01	96	Number of Included Segments M	N0 1/10
	0201		Total number of segments included in a transaction set incl and SE segments	
М	SE02	329	Transaction Set Control Number M	AN 4/9
			Identifying control number that must be unique within the traset functional group assigned by the originator for a transact	

# 47.6.2 860 UNE Centrex 21 (P or STAR) Supplemental Service Request (860UCX21)

Functional Group ID=PC

#### Introduction:

The 860UCX21 will be used by the Co-Provider to initiate a supplemental service request for UNE Centrex 21(P or STAR) to Qwest.

This implementation guideline references the following:

- 1. LSOG 5 and Qwest assigned fields
- 2. ANSI ASC X12 Version 4020
- 3. TCIF/SOSC Guidelines, ELMS 5

#### Notes:

This 860 Transaction includes the mappings for Local Service Request, End User, Centrex Resale Services, and Directory Listing.

#### Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
М	0100	ST	Transaction Set Header	М	1		
Μ	0200	BCH	Beginning Segment for Purchase Order Change	М	1		
	0500	REF	Reference Identification	0	>1		
	0950	PAM	Period Amount	0	10		
			LOOP ID - SAC			25	
	1200	SAC	Service, Promotion, Allowance, or Charge Information	0	1		
	1500	DTM	Date/Time Reference	0	10		
	1850	SI	Service Characteristic Identification	0	>1		
	1900	PID	Product/Item Description	0	200		
			LOOP ID - N9			1000	
	2850	N9	Reference Identification	0	1		
	2900	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	2850	N9	Reference Identification	0	1		
	2900	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		
	3500	PER	Administrative Communications Contact	0	>1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		

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		LOOP ID - N1			200
3000	N1	Name	0	1	
3100	N2	Additional Name Information	0	2	
3300	N4	Geographic Location	0	>1	
3350	NX2	Location ID Component	0	>1	
3500	PER	Administrative Communications Contact	0	>1	
3650	SI	Service Characteristic Identification	0	>1	

### Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and Comments
		LOOP ID - POC			>1	
0100	POC	Baseline Item Data - End User Form (Location and Access Section)	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		Loop ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3700	N4	Geographic Location	0	1		
3850	NX2	Location ID Component	0	>1		
3900	PER	Administrative Communications Contact	0	3		
4050	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Baseline Item Data - End User Form	0	1		
0180	SI	(Disconnect Information Section) Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		iii
5700	REF	Reference Identification	0	12		

		LOOP ID - POC			>1	
0100	POC	Line Item Change - Centrex Resale	0	1		
0180	SI	Service Form (Details Section) Service Characteristic Identification	0	>1		
0100	0	LOOP ID - PID	0	~1	1000	
0500	PID	Product/Item Description	0	1	1000	
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1	~1	
4000	SLIN	Service Characteristic Identification	0	>1		
4700	01	LOOP ID - N1	0	~1	10	
5360	N1	Name	0	1	10	
5700	REF	Reference Identification	0	12		
0/00				12		
	<u></u>	LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
5000		LOOP ID - N1	0		10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
					_ 1	
0100	POC	LOOP ID - POC Line Item Change - Regular Hunting	0	1	>1	
0100	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
1000	· \	LOOP ID - SLN	~		>1	
4600	SLN	Subline Item Detail	0	1	>1	
4000	JLIN		0	1	. 1	
5220	NO	LOOP ID - N9 Reference Identification	0	1	>1	
5230 5250	N9 MTX		0	1 >1		
5250		Text	0	21		

		LOOP ID - POC			>1	
0100	POC	Line Item Change - Multi-Line Hunting	0	1	<i>.</i>	
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
		LOOP ID - N9	-		>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		
					4	
0100	POC	LOOP ID - POC	0	1	>1	
0100	PUC	Line Item Change - DL Form (Delivery Address/Information Section)	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - N1			200	
3400	N1	Name	0	1	200	
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
0.00			-			<u> </u>
04.00	DOO	LOOP ID - POC	0		>1	
0100	POC	Line Item Change - DL Form (Service Details Section)	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		Loop ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1	1000	
3260	MTX	Text	0	>1		
0200			-		4000	
2200	N9	LOOP ID - N9 Reference Identification	0	1	1000	
3200				-		
3260	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N1			200	
					_,,	

3400	N1	Name	0	1		
3550	IN2	Individual Name Structure Components	0	>1		
3700	N4	Geographic Location	0	1		İ
3750	NX2	Location ID Component	0	>1		
3860	SI	Service Characteristic Identification	0	1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N9			>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		
		LOOP ID - N9			>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		ļ į

#### Summary:

М

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

#### **Transaction Set Notes**

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

	Segment:	ST <sub>1</sub>	ransaction Set Header					
	Position: Loop:	0100						
	Level:	Heading						
	Usage: Max Use:	Mandato	ry					
Sv	Purpose: ntax Notes:	To indica	ate the start of a transaction set and to assign a control num	ber				
•	intic Notes:	routi trans Set).	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					
	_	trans appr	slation routines of the interchange partners to select the opriate implementation convention to match the transaction ition.	set				
	Comments: Notes:	ST*860*	TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data						
	<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name					
М	ST01	143	Transaction Set Identifier Code M	ID 3/3				
			Code uniquely identifying a Transaction Set 860 Purchase Order Change Request - Buye	er Initiated				
Μ	ST02	329	Transaction Set Control NumberMIdentifying control number that must be unique within the trade	AN 4/9 ansaction				

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

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: emantic Notes:	0200 Heading Mandato 1 To indica and tran 1 BCH 2 BCH 3 BCH 4 BCH	ate the beginning of the Purchase Order Change Transac smit identifying numbers and dates 106 is the date assigned by the purchaser to purchase ord 109 is the seller's order number. 110 is the date assigned by the sender to the acknowledg 111 is the date of the purchase order change request.	der. Imer	ıt.
	Notes:		IP(LSR-25)*SS*PON(LSR-2)**VER(LSR-3)*PO Date (Se Access Information)	e Tra	ading
	Ref. <u>Des.</u> Attributes	Data Element	Data Element Summary		
М	BCH01	353	Transaction Set Purpose Code	М	ID 2/2
			Code identifying purpose of transaction set SUP (LSR-25) = Supplement Type 01 = (DWS : 1 - Cancel) 04 = (DWS : 2 - DDD Change) 05 = (DWS : 3 - Other)		
Μ	BCH02	92	Purchase Order Type Code	Μ	ID 2/2
			Code specifying the type of Purchase Order SS Supply or Service Order		
м	BCH03	324	Purchase Order Number	М	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
	50005	~~-	PON(LSR-2) = Purchase Order Number	_	A N1 4 /0
	BCH05	327	Change Order Sequence Number Number assigned by the orderer identifying a specific ch revision to a previously transmitted transaction set	<b>O</b> nang	AN 1/8 e or
			VER(LSR-3) = Version Identification		
М	BCH06	373		М	DT 8/8
			Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner /	Acce	SS
			Information)		

Segment:	<b>REF</b> Reference Identification
Position: Loop:	0500
Level: Usage:	Heading Optional
Max Use: Purpose: Syntax Notes:	<ul> <li>&gt;1</li> <li>To specify identifying information</li> <li>1 At least one of REF02 or REF03 is required.</li> </ul>
	<ul> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ul>
Semantic Notes: Comments:	<b>1</b> REF04 contains data relating to the value cited in REF02.
Notes:	REF*11*AN(LSR-7)*AN REF*11*NAN(LSR-7a)*NAN REF*11*EAN(EU-40)*EAN REF*AO*APT CON(LSR-15a) REF*JB*PROJECT(LSR-20) REF*SU*RTR(LSR-28)*RTR REF*CO*RPON(LSR-51)*RPON REF*1V*RORD(LSR-52)*RORD REF*12*BAN1(LSR-61)*BAN1

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes	400				
М	REF01	128		ification Qualifier	М	ID 2/3
				he Reference Identification		
			11	Account Number		
				Number identifies a telecommunicat	ions i	ndustry
			12	account Billing Account		
			12	·		adarad
			4)/	Account number under which billing Related Vendor Order Number	is rei	laerea
			1V		ط ما : ۲: م	n to o
				A vendor's order number that is in a primary order number	aano	in to a
			AO	Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special l requirements for the claim	nandl	ing
	REF02	127	<b>Reference Ident</b>		Х	AN 1/30
			specified by the F	ation as defined for a particular Transa Reference Identification Qualifier	actior	Set or as
			AN(LSR-7) = Ac			
				New Account Number		
			· · · · ·	xisting Account Number 5a) = Appointment Confirmation		
				20) = Project Identification		
				Response Type Requested		
				Related Purchase Order Number		
			RORD (LSR-52)	= Related Order Number		
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		BAN1(LSR-61) = Billing Account Number 1				
REF03	352	Description	Х	AN 1/80		
		A free-form description to clarify the related data elements and their content				
		"AN"				
		"NAN"				
		"EAN"				
		"RTR"				
		"RPON"				
		"RORD"				
		"BAN1"				

### 

Segment:	PAM Period Amount
Position: Loop:	0950
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
•	2 At least one of PAM02 PAM05 or PAM14 is required.
	<b>3</b> If either PAM04 or PAM05 is present, then the other is required.
	4 If either PAM06 or PAM07 is present, then the other is required.
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is
	required.
	6 If PAM07 is present, then PAM06 is required.
	7 If PAM08 is present, then PAM07 is required.
	8 If PAM09 is present, then PAM07 is required.
	9 If PAM10 is present, then at least one of PAM11 or PAM12 is
	required.
	<b>10</b> If PAM11 is present, then PAM10 is required.
	11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	1 PAM10, PAM11, or PAM12 are used when two dates are required.
	2 PAM15 indicates whether the monetary amount identified in PAM05
	is a net or gross value. A "Y" indicates amount is a gross value; an
	"N" indicates amount is a net value.
Comments:	
Notes:	PAM*T5*LOCQTY(LSR-5)*EA
	PAM*48*PG_of_(LSR-10)(1st 2 Bytes)*EA
	PAM*47*PG_of_(LSR-10)(2nd 2 Bytes)*EA
	PAM*KC*DQTY(EU-5)*EA
	PAM*QO*RSQTY(CX-3)*EA
	PAM*BH*DDQTY(DL-23)*EA
	PAM*QU*HTQTY(LSR-6)*EA

		Butu Eloniont (	Sammary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
PAM01	673	Quantity Qualifie		Х	ID 2/2
		Code specifying the	ne type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a r a previously transmitted quantity, aft have been made		
		QO	Operating Quantity		
		QU	Quantity Serviced		
		T5	Total Number of Units		
PAM02	380	Quantity		Х	R 1/15
		Numeric value of	quantity		
		LOCQTY(LSR-5) First 2 bytes of PC	= Location Quantity G_of_(LSR-10)		
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		Second 2 bytes of PG_of_(LSR-10) DQTY(EU-5) = Disconnect Quantity RSQTY(CX-3) = Resale Quantity DDQTY(DL-23) = Number of Delivery Segu HTQTY(LSR-6) = Hunt Group Quantity	nents
PAM03	C001	Composite Unit of Measure	X
		To identify a composite unit of measure (S examples of use)	ee Figures Appendix for
C00101	355	Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value manner in which a measurement has been EA Each	<b>.</b>

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Sagmanti	SAC Service, Promotion, Allowance, or Charge Information
Segment: Position:	
Loop:	1200 SAC Optional
Level:	Heading
Usage:	Optional
Max Use:	
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	<ol> <li>At least one of SAC02 or SAC03 is required.</li> <li>If either SAC03 or SAC04 is present, then the other is required.</li> <li>If either SAC06 or SAC07 is present, then the other is required.</li> <li>If either SAC09 or SAC10 is present, then the other is required.</li> <li>If SAC11 is present, then SAC10 is required.</li> <li>If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li> <li>If SAC14 is present, then SAC13 is required.</li> <li>If SAC14 is present, then SAC13 is required.</li> <li>If SAC16 is present, then SAC15 is required.</li> </ol>
Semantic Notes:	1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or
	<ul> <li>SAC08 is required.</li> <li>SAC05 is the total amount for the service, promotion, allowance, or charge.</li> </ul>
	If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3 SAC08 is the allowance or charge rate per unit.
	4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
	SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion,
	<ul><li>allowance, or charge.</li><li>SAC13 is used in conjunction with SAC02 or SAC04 to provide a</li></ul>
	specific reference number as identified by the code used.
	6 SAC14 is used in conjunction with SAC13 to identify an option when
	<ul><li>there is more than one option of the promotion.</li><li>SAC16 is used to identify the language being used in SAC15.</li></ul>
Comments:	<ol> <li>SAC04 may be used to uniquely identify the service, promotion,</li> </ol>
	allowance, or charge. In addition, it may be used in conjunction with
	SAC03 to further define SAC02.
	2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This
	amount is commonly referred to as "Dollar Basis Amount". It is
	represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.
Notes:	SAC*N**TI*EXP [If this segment appears then EXP(LSR-26) = "Y"]
_ /	Data Element Summary
Ref.	Data Element Nome
<u>Des.</u> <u>Attributes</u>	<u>Element</u> <u>Name</u>
I SAC01	248 Allowance or Charge Indicator M ID 1/1
	Code which indicates an allowance or charge for the service specified
	N No Allowance or Charge
	Ŭ
a data di Manah 44,0000	Owent Communications International Inc. 474

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SAC03	559	Agency Qualifier Code		Х	ID 2/2
		Code identifying	the agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code		Х	AN 1/10
		Agency maintair or charge	ned code identifying the service, promot	ion,	allowance,
		EXP	Expedited Service Charge		

Segment:

## **DTM** Date/Time Reference

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

1500
Heading Optional
10
To specify pertinent dates and times
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

М

Notes:

DTM\*150\*DDD{CCYYMMDD}(LSR-14)\*\*\*TM/RTM\*APPTIME {HHMM[-HHMM]}(LSR-15)

DTM\*097\*D/T SENT{CCYYMMDD}(LSR-12)\*D/T SENT{HHMM}(LSR-12) DTM\*992\*\*\*TM\*DFDT{HHMM}(LSR-19) DTM\*270\*DATED{CCYYMMDD}(LSR-36) DTM\*151\*DDDO{CCYYMMDD}(LSR-16)

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
DTM01	374	Date/Time Qualifi		М	ID 3/3
			pe of date or time, or both date and tir	ne	
		097	Transaction Creation		
		150	Service Period Start		
		151	Service Period End		
		270	Date Filed		
		992	Date Requested		
DTM02	373	Date		Х	DT 8/8
		Date expressed as	S CCYYMMDD		
		D/T SENT(LSR-12	·		
		DDD(LSR-14) = D			
		. ,	Date of Agency Authorization		
DTMO2	207	. ,	Desired Due Date Out	V	<b>TN</b> 4/0
DTM03	337	Time		X	TM 4/8
			24-hour clock time as follows: HHMM		
			HHMMSSDD, where H = hours (00-23 er seconds (00-59) and DD = decimal s		
			are expressed as follows: $D = tenths$ (0		
		hundredths (00-99		, 0)	
		D/T SENT{HHMM}	(LSR-12) = Time Sent		
DTM05	1250	Date Time Period	Format Qualifier	Χ	ID 2/3
		Code indicating the	e date format, time format, or date and	l tim	e format
		RTM	Range of Time Expressed in Format	нни	ИМ-ННММ
			A range of times expressed in the for	mΗ	HMM-
			HHMM where HH is the numerical ex		
			hours in the day based on a twenty-fe	our l	nour clock
			and MM is the numerical expression		
			within an hour; the first occurrence of	ΗH	MM is the

		ТМ	starting time and the second is the en Time Expressed in Format HHMM Time expressed in the format HHMM the numerical expression of hours in t on a twenty-four hour clock and MM is expression of minutes within an hour	whe	ere HH is day based
DTM06	1251	Date Time Perio	d	Х	AN 1/35
		Expression of a d times	ate, a time, or range of dates, times or	date	es and
		```	5) = Appointment Time-DDD {HHMM[-H Desired Frame Due Time {HHMM}	IHM	1M]}

Segment:	SI Service Characteristic Identification						
Position:	1850						
Loop:							
Level:	Heading						
Usage:	Optional						
Max Use:	>1						
Purpose:	To specify service characteristic data						
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.						
	2 If either SI06 or SI07 is present, then the other is required.						
	3 If either Sl08 or Sl09 is present, then the other is required.						
	4 If either SI10 or SI11 is present, then the other is required.						
	<b>5</b> If either SI12 or SI13 is present, then the other is required.						
	6 If either SI14 or SI15 is present, then the other is required.						
	7 If either SI16 or SI17 is present, then the other is required.						
	8 If either SI18 or SI19 is present, then the other is required.						
Operation Nations	<b>9</b> If either SI20 or SI21 is present, then the other is required.						
Semantic Notes:	4 Clot defines the serves for each of the service characteristics						
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.						
Notes:	SI*TI*RE*REQTYP(LSR-23)						
10103.	SI*TI*AA*ACT(LSR-24)						
	SI*TI*LO*LST(LSR-42)						
	SI*TI*LS*LSO(LSR-43)						
	SI*TI*TY*TOS(LSR-44)						
	SI*TI*IW0(EU-36)						
	SI*TI*CB*CB(CX-7)						
	SI*TI*CL*COS(CX-28a)						

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charact	eristics Qualifier	М	AN 2/2
			Code from an inc	lustry code list qualifying the type of se	rvice	)
			characteristics			
			AA	Account Activity		
			CB	CENTREX Common Block Identifier		
			CL	Class of Service		
			IW	Inside Wire Options		
			LO	Local Exchange Carrier Service Offic	ce	
			LS	Local Serving Office		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	Product/Service	e ID	Μ	AN 1/48
			Identifying number	er for a product or service		
			ACT (LSR-20) =	Activity		
			•	New Installation)		
			•	Disconnect of entire account)		
			C= (DWS: C-0	Change)		
Updated: N	larch 11, 2002	2 Qw	vest Communication	s International, Inc.		178

V= (DWS: V-Conv. As Specified) SD= (DWS: L-Seasonal Suspend (not valid in WA or OR)) RS= (DWS: B-Restore) T= (DWS: T-Outside Move (T/F)) W= (DWS : W-Conversion as is) Z= (DWS: Z-Conversion as spec/no listing) DN= (DWS: Y-Deny)

REQTYP(LSR-23) = Requisition Type and Status TOS(LSR-44) = Type of Service IWO(EU-36) = Inside Wire Options LSO(LSR-43) = Local Service Office LST(LSR-42) = Local Service Termination CB(CX-7) = Common Block COS(CX-28a) = Class of Service

Segment:	PID	Product/Item Description		
Position: Loop:	1900			
Level: Usage:	Heading Optional			
Max Use:	200			
Purpose: Syntax Notes:	1 If PI	ribe a product or process in coded or free-form format D04 is present, then PID03 is required. east one of PID04 or PID05 is required.		
	3 If PI 4 If PI	D07 is present, then PID03 is required. D08 is present, then PID04 is required.		
Semantic Notes:	1 Use	D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the cod g referred to.	e list	t
		04 should be used for industry-specific product description	۱	
	3 PID in Pl item	08 describes the physical characteristics of the product ide ID04. A "Y" indicates that the specified attribute applies to ; an "N" indicates it does not apply. Any other value is		
		terminate.		
Commontor		09 is used to identify the language being used in PID05.	م م ما	
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", 04 is used. If PID01 equals "X", then both PID04 and PID0 1.		
	bein	PID06 when necessary to refer to the product surface or g described in the segment.	-	r
	PID		d in	
Notes:	PID*S** PID*S** PID*S**	TI*AH***SO-RSQ*CHC(LSR-22) TI*CONVIND***SO-RSQ*CONVIND(LSR-24a) TI*AO***SO-RSQ*AGAUTH(LSR-35) TI*BI***SO-RSQ*FBI(EU-42) TI*PENDING***SO-RSQ*PENDING ORDER(LSR-108b)		
Def	Dete	Data Element Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
I PID01	349	Item Description Type	М	ID 1/1
		Code indicating the format of a description S Structured (From Industry Code List)		

Μ

PID03

PID04

559

751

Agency Qualifier Code

**Product Description Code** 

product characteristic

Code identifying the agency assigning the code values

Coordinated Hot Cut

Conversion Indicator

Pending Order

**Telecommunications Industry** 

A code from an industry code list which provides specific data about a

Agency Authorization Status

Final Bill Information Indicator

ΤI

AH

AO

BI

CONVIND

PENDING

X ID 2/2

X AN 1/12

PID07	822	Source Subqualifier	0	AN 1/15
		A reference that indicates the table or text maintained b Qualifier	y the	Source
		SO-RSQ Service Order - Reseller Questions I	List	
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		<ul> <li>FBI (EU-42) = Final Bill Information Indicator N=(DWS: E-Existing(default)) Y=(DWS: D-Different)</li> <li>CONVIND(LSR-24a) = Conversion Indicator N=(DWS: P-Parital) Y=(DWS: F-Full)</li> </ul>		
		AGAUTH(LSR-35) = Agency Authorization Status CHC(LSR-22) = Coordinated Hot Cut PENDING ORDER (LSR-108b) = Pending Order		

Segment:	N9 Reference Identification
Position:	2850
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*H7*ORI*EU****2W>MANUAL IND(EU-63a)
Ref.	Data Element Summary Data

	itel.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ctior	n Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	ion r	numbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ctior	Set or as
			MANUAL IND(EU-63a) = Manual Indicator		

Segment:	MT)	Text		
Position:	2900			
Loop:	N9	Optional		
Level:	Heading	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	FX01 is present, then MTX02 is required.		
-,		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		ΓX04 is "AA - Advance the specific number of lines bef	ore pri	nt".
•••••••		MTX05 is required.	0.0 p	,
Notes:		EMARKS(EU-63)		
Def	Dete	Data Element Summary		
Ref.	Data	Nome		
Des.	<u>Element</u>	Name		
Attributes	4554	Maaaaga Taxt	х	AN 4/400C
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		

REMARKS(EU-63) = Remarks

Segment:	N9 Reference Identification
Position:	2850
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND(LSR-108a)
	Data Element Summary
Ref.	Data

	Ret.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Χ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificati specified by the Reference Qualifier	on n	umbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND(LSR-108a) = Manual Indicator		

Segment:	MT)	Text		
Position:	2900			
Loop:	N9	Optional		
Level:	Heading	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	fy textual data		
Syntax Notes:	•	X01 is present, then MTX02 is required.		
-,		TX03 is present, then MTX02 is required.		
		X05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		X04 is "AA - Advance the specific number of lines bef	ore pri	nt".
		MTX05 is required.		,
Notes:		EMARKS(LSR-108)		
		Data Element Summary		
Ref.	Data			
<u>Des.</u>	<u>Element</u>	Name		
<u>Attributes</u>				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

REMARKS(LSR-108) = Remarks

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA(LSR-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identif	fier Code	Μ	ID 2/3
		Code identify or an individu 78	ing an organizational entity, a physica ial Service Requester	I location,	, property
N102	93	Name		Х	AN 1/60
		Free-form na	me		
		CCNA(LSR-1	) = Customer Carrier Name Abbreviat	tion	

# **PER** Administrative Communications Contact

Segment:

Position: 3500 Loop: N1 Optional Level: Heading Usage: Optional Max Use: >1 Purpose: To identify a person or office to whom administrative communications should be directed If either PER03 or PER04 is present, then the other is required. Syntax Notes: 1 If either PER05 or PER06 is present, then the other is required. 2

If either PER07 or PER08 is present, then the other is required. 3

Semantic Notes:

Comments: Notes:

PER\*AG\*INIT(LSR-81)\*TE\*TEL NO(LSR-82)\*FX\*FAX NO(LSR-84)\*EM\*EMAIL(LSR-83)

PER\*CN\*IMPCON(LSR-91)\*TE\*TEL NO(LSR-92)\*BN\*PAGER(LSR-93) PER\*AL\*ALT IMPCON(LSŔ-94)\*TE\*TEL NO(LSŔ-95)\*BN\*PAGER(LSŔ-96)

#### **Data Element Summary**

		_		ement Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes		0			
М	PER01	366		unction Code	М	ID 2/2
				tifying the major duty or responsibility of the	perso	n or group
			named	<b>A</b> <i>i</i>		
			AG	Agent		
			AL	Alternate Contact		
				Person to be contacted when the n available	nain co	ontact is not
			CN	General Contact		
	PER02	93	Name		0	AN 1/60
			Free-form	name		
				81) = Initiator Identification		
			•	SR-91) = Implementation Contact		
			•	ON(LSR-94) = Alternate Implementation Co	ntact	
	PER03	365	Communi	cation Number Qualifier	Х	ID 2/2
			Code ident	tifying the type of communication number		
			TE	Telephone		
	PER04	364	Communi	cation Number	Х	AN 1/256
			Complete	communications number including country of	or area	a code when
			applicable	,		
			TEL NO(L	SR-82) = Telephone Number		
				SR-92) = Telephone Number		
				SR-95) = Telephone Number		
	PER05	365	Communi	cation Number Qualifier	Х	ID 2/2
			Code iden	tifying the type of communication number		
			BN	Beeper Number		
			FX	Facsimile		
	PER06	364	Communi	cation Number	Х	AN 1/256
			Complete applicable	communications number including country c	or area	a code when
Updated: N	/arch 11, 2002			nications International, Inc.		187

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		FAX NO(LSR-84) = Facsimile Number PAGER(LSR-93) = Pager Number PAGER(LSR-96) = Pager Number		
PER07	365	Communication Number Qualifier	Х	ID 2/2
		Code identifying the type of communication number EM Electronic Mail		
PER08	364	Communication Number	Х	AN 1/256
		Complete communications number including country or applicable	area	code when
		EMAIL(LSR-83) = Electronic Mail Address		

Segment:	N1 Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*AN*AUTHNM(LSR-37)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

Code identifying an organizational entity, a physical location, property

pick-up or origin point for a shipment

A geographic location designated as an authorized

Authorized From

AUTHNM(LSR-37) = Authorization Name

**Entity Identifier Code** 

or an individual

Free-form name

AN

Name

Μ

N101

N102

98

93

M ID 2/3

X AN 1/60

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*X1*BILLNM(EU-43)
Ref.	Data Element Summary Data

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier	Code	М	ID 2/3
		Code identifying a or an individual	an organizational entity, a physical loca	tion,	, property
		X1	Mail to		
			An address to which a specified item	is to	be mailed
N102	93	Name		Х	AN 1/60
		Free-form name			
		BILLNM(EU-43) =	= Bill Name		

Μ

	Segment:	N2	Additional Name Information		
	Position:	3100			
	Loop:	N1	Optional		
	Level:	Heading			
	-	Optional			
	Max Use:	2			
-	Purpose:	To speci	fy additional names		
•	tax Notes:				
	ntic Notes:				
C C	comments:	NO*CDII			
	Notes:	INZ SDIL	LNM (EU-44)		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	N201	93	Name M	AN 1/60	
			Free-form name		
			SBILLNM (EU-44) = Secondary Bill Name		

Segment:	N4 a	Geographic Location				
Position:	3300					
Loop:	N1	Optional				
Level:	Heading					
Usage:	Optional					
Max Use:	>1					
Purpose:	To spec	fy the geographic place of the named party				
Syntax Notes:	1 Only	one of N402 or N407 may be present.				
	2 If N4	106 is present, then N405 is required.				
	3 If N4	107 is present, then N404 is required.				
Semantic Notes:						
Comments:		mbination of either N401 through N404, or N405 and N40	)6 m	lay		
		dequate to specify a location.				
		2 is required only if city name (N401) is in the U.S. or Car	nada			
Notes:	N4**ST/	ATE(EU-49)*ZIP(EU-50)				
		Data Element Summary				
Ref.	Data	Data Liement Summary				
Des.	Element	Name				
Attributes		Manie				
N402	156	State or Province Code	Х	ID 2/2		
		Code (Standard State/Province) as defined by appropria	ate a	overnment		
		agency				
		STATE(EU-49) = State/Province				
N403	116	Postal Code	0	ID 3/15		
			2			

ing punctuation and

Segment:	NX2 Location ID Component
Position:	3350
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To define types and values of a geographic location
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	NX2*01*SANO (EU-45b)
	NX2*02*SASN (EU-45e)
	NX2*03*SASD (EU-45d)
	NX2*07*CITY (ÈU-48)
	NX2*32*FLOOR (EU-46)
	NX2*35*ROOM/MAIL STOP (EU-47)
	NX2*40*SASS (EU-45g)
	NX2*59*SAPR (EU-45a)
	NX2*61*SASF (EU-45c)

NX2\*62\*SATH (EU-45f)

	Def	Dete	Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
Μ	NX201	1106	Address Compor	nent Qualifier	М	ID 2/2
			-	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			32	Floor		
				A particular floor or level of a building	ł	
			35	Room		
				A walled room or partitioned area of	a bu	ilding
			40	Street Suffix		-
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informa	tion	Μ	AN 1/55
			Address information	on		
			SANO (EU-45b) =	Service Address Number		
			SASN (EU-45e) =	Service Address Street Name		
				Service Address Street Directional Pr	efix	
			CITY (EU-48) = C	•		
			FLOOR (EU-46) =			
				P (EU-47) = Room/Mail Stop Service Address Street Directional Su	ffix	
				Service Address Street Directional St		
				Service Address Number Suffix		
				Service Address Street Type		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	PER Administrative Communications Contact 3500 N1 Optional Heading Optional >1 To identify a person or office to whom administrative communications should be directed 1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.						
	Data <u>Element</u>	Data Element	Summary				
<u>Attributes</u> A PER01	366	Contact Function Code identifying the named BI	n Code he major duty or responsibility of the Bill Inquiry Contact Service Provider contact for makin information on the invoice				
PER02	93	Name Free-form name BILLCON(EU-51)		0	AN 1/60		
PER03	365	Communication	Number Qualifier he type of communication number Telephone	Х	ID 2/2		
PER04	364	applicable	Number inications number including country of = Telephone Number	X or area	AN 1/256 code when		

Μ

Segment:	SI Service Characteristic Identification
Position:	3650
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*AF*AFT (EU-44a)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			AF Address Format Type		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

## Segment: **POC** Baseline Item Data - End User Form (Location and

Position: Loop: Level: Usage:	Access Section) 0100 POC Optional Detail Optional
Max Use:	1 Ta anación changas ta a lina itam
Purpose:	To specify changes to a line item
Syntax Notes:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC18 or POC19 is present, then the other is required.</li> <li>If either POC20 or POC21 is present, then the other is required.</li> <li>If either POC22 or POC23 is present, then the other is required.</li> <li>If either POC24 or POC25 is present, then the other is required.</li> <li>If either POC26 or POC27 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.

#### Data Element Summary

Notes:

POC\*n\*RZ\*\*\*\*\*ZZ\*EU\_SA [POC Loop may repeat]

			Data Liement Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
	POC01	350	Assigned Identification	Ο	AN 1/20
			Alphanumeric characters assigned for differentiation wit transaction set	hin a	1
м	DOCAS	070	"n" = nth assigned ID within POC loop		
Μ	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the correspond the original purchase order with the v contained in the Purchase Order Cha Transaction Set	alue	s
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	oer u	sed in
	POC09	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			"EU SA"		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	· · ······ · ·························
Comments:	<b>1</b> SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*OP*WSOP(EU-31)*TN*WSOP TEL NO(EU-31a)

			Data Element Summary					
	Ref.	Data						
	Des.	Element	Name					
	<b>Attributes</b>							
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2			
			Code identifying the agency assigning the code values					
			TI Telecommunications Industry					
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2			
			Code from an industry code list qualifying the type of se characteristics	rvice				
			OP Working Serive On Premises					
М	SI03	234	Product/Service ID	Μ	AN 1/48			
			Identifying number for a product or service	lentifying number for a product or service				
			WSOP(EU-31) = Working Service on Premises					
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2			
			Code from an industry code list qualifying the type of se characteristics TN Telephone Number	rvice				
	SI05	234	Product/Service ID	Х	AN 1/48			
			Identifying number for a product or service					
			WSOP TEL NO(EU-31a) = Working Service on Premise Number	s Te	lephone			

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0500 PID Detail Optional 1 To desci 1 If PI 2 At le 3 If PI 4 If PI	ribe a product or process in coded or free-form format D04 is present, then PID03 is required. east one of PID04 or PID05 is required. D07 is present, then PID03 is required. D08 is present, then PID04 is required.						
Semantic Notes:	1 Use bein 2 PID	D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code I g referred to. D4 should be used for industry-specific product description	ist					
Comments:	<ul> <li>3 PID( in Pl item inde</li> <li>4 PID(</li> <li>1 If PID( Usec</li> <li>2 Use bein</li> <li>3 PID(</li> </ul>	<ul> <li>in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.</li> <li>PID09 is used to identify the language being used in PID05.</li> <li>If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.</li> <li>Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> </ul>						
Notes:	PID( PID*S**	J3. TI*ANV***SO-RSQ*ANV(EU-8a)						
		Data Element Summary						
Ref.	Data <u>Element</u>	Namo						
<u>Des.</u> Attributes		Name						
I PID01	349	Item Description Type M	ID 1/1					
		Code indicating the format of a description						
		S Structured (From Industry Code List)						
PID03	559	Agency Qualifier Code X	ID 2/2					
		Code identifying the agency assigning the code values						
	764	TI Telecommunications Industry						
PID04	751	Product Description Code X	-					
		A code from an industry code list which provides specific d product characteristic ANV Address Not Validated Indicator						
PID07	822	Source Subqualifier O						
		A reference that indicates the table or text maintained by th Qualifier SO-RSQ Service Order - Reseller Questions List						
PID08	1073	Yes/No Condition or Response Code O						
		Code indicating a Yes or No condition or response						
		ANV(EU-8a) = Address Not Validated Indicator						

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

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eit 3 If eit	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requi her C04005 or C04006 is present, then the other is requi 04 contains data relating to the value cited in REF02.						
Comments: Notes:	REF*IX*	REF*IX*LOCNUM(EU-7)*LOCNUM						
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>						
REF01	128	Reference Identification Qualifier	М	ID 2/3				
		Code qualifying the Reference Identification IX Item Number						
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transa specified by the Reference Identification Qualifier LOCNUM(EU-7) = Location Number	X action	AN 1/30 Set or as				

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

Description

content "LOCNUM"

М

REF03

352

X AN 1/80

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*L1*ACC*EU

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
Μ	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 ACC Access Instructions	actior	e Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		

Segment:	MTX Text			
Position:	3260			
Loop:	N9 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify textual data			
Syntax Notes:	1 If MTX01 is present, then			
	2 If MTX03 is present, then	MTX02 is required.		
	<b>3</b> If MTX05 is present, then	MTX04 is required.		
Semantic Notes:		nes to advance before printing.		
Comments:	1 If MTX04 is "AA - Advance	e the specific number of lines befor	e prii	nt",
	then MTX05 is required.			
Notes:	MTX**ACC(EU-30)			
	Data Element Su	nmary		
Ref.	Data			
Des.	lement Name			
<u>Attributes</u>				
MTX02	1551 Message Text		Х	AN 1/4096

Message Text 1551 To transmit large volumes of message text ACC(EU-30) = Access Information

Segment:	N1 Name
Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*IT*NAME(EU-8)

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 or an individual IT Installation on Site	, a physical location, property
N102	93	Name Free-form name NAME(EU-8) = End User Name	X AN 1/60

Segment:	N4 Geographic Location
Position:	3700
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.
	<b>3</b> 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(EU-25)*ZIP(EU-26)**RJ*CALA(EU-26a)
<b>D</b> .(	Data Element Summary
Ref.	Data Element Name

Des.	Element	<u>Name</u>		
Attributes		Otata an Daasimaa Oasta	v	
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropria agency	ate g	overnment
		STATE(EU-25) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding planks (zip code for United States) ZIP(EU-26) =ZIP/Postal Code	ounc	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(EU-26a) = 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 (EU-11) NX2\*02\*SASN (EU-14) NX2\*03\*SASD (EU-13)

> NX2\*05\*BOX (EU-23c) NX2\*06\*ROUTE (EU-23b) NX2\*07\*CITY (EU-24) NX2\*39\*AHN (EU-23a) NX2\*40\*SASS (EU-16) NX2\*59\*SAPR (EU-10) NX2\*61\*SASF (EU-12) NX2\*62\*SATH (EU-15)

NX2\*LD1 (EU-17)\*LV1 (EU-18) NX2\*LD2 (EU-19)\*LV2 (EU-20) NX2\*LD3 (EU-21)\*LV3 (EU-22)

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#### **Data Element Summary**

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compor	nent Qualifier	М	ID 2/2
		Code qualifying the	e type of address component		
		LD1(EU-17) = Loc			
		13=(DWS : AP			
		34=(DWS: LOT 35=(DWS: RM)	/		
		36=(DWS: SLII			
		37=(DWS: UNI	,		
		14=(DWS: SUI	· ·		
		/			
		. ,	ation Designator 2		
		32=(DWS : FLF	()		
		LD3(EU-21) = Loc	cation Designator 3		
		12=(DWS : BLI	DG)		
		63=(DWS: WN	•		
		30=(DWS: PIE	,		
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		
		12	Building Name		

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	13	Apartment Number					
	14	Suite Number					
	30	Pier					
		The pier at which a ship or boat is doo	kec	ł			
	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	bui	ilding			
	36	Slip					
		The slip or location on a pier at which	a sł	hip or boat			
	07	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		М	AN 1/55			
	Address informati						
	````	Service Address Number					
	SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix						
	BOX (EU-23c) = Box Number						
	ROUTE (EU-23b) = Route						
	CITY (EU-24) = City						
	AHN (EU-23a) = Assigned House Number						
	SASS (EU-16) = Service Address Street Directional Suffix SAPR (EU-10) = Service Address Number Prefix						
		Service Address Number Suffix					
		Service Address Street Type					
	LV1 (EU-18) = Lo	cation Value 1					
	$1 \sqrt{2}$ (EII-20) - 1 o	cation Value 2					

LV3 (EU-22) = Location Value 3

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NX202

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Purpose: yntax Notes: antic Notes: Comments: Notes:	3900 N1 Detail Optional 3 To identi should b 1 If eit 2 If eit 3 If eit	Administrative Communications Contact Optional fy a person or office to whom administrative communicati e directed her PER03 or PER04 is present, then the other is required her PER05 or PER06 is present, then the other is required her PER07 or PER08 is present, then the other is required	d. d.	
		Data Element Summary		
Ref.	Data			
	<u>Element</u>	Name		
Attributes	266	Contract Europtian Code	м	ID 2/2
PER01	366	Contact Function Code		
		Code identifying the major duty or responsibility of the penamed	ersor	h or group
		CA Customer Contact Granting Appointm	nent	
PER02	93	Name	0	AN 1/60
		Free-form name	-	
		LCON(EU-27) = Local Contact		
PER03	365	Communication Number Qualifier	Х	ID 2/2
		Code identifying the type of communication number		
		TE Telephone		
PER04	364	Communication Number	Х	AN 1/256
		Complete communications number including country or a	area	code when
		applicable		
		TEL NO(EU-28) = Telephone Number		

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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.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	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 (EU-9)

			Data Element	Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	ne agency assigning the code values		
			ТΙ	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	)
			AF	Address Format Type		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			AFT (EU-9) = Add	Iress Format Type		

# Segment: **POC** Baseline Item Data - End User Form (Disconnect

	Information Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	<b>3</b> If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	<b>9</b> If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	1 POC01 is the purchase order line item identification.
Comments:	•

Comments: Notes:

POC\*n\*RZ\*\*\*\*\*ZZ\*EU\_DISC [POC Loop may repeat]

	Ref.	Data		-		
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
	POC01	350	Assigned Identification	ation	0	AN 1/20
			Alphanumeric chara transaction set	acters assigned for differentiation wi	thin a	3
			"n" = nth assigned I	D within POC loop		
М	POC02	670	Change or Respon	se Type Code	Μ	ID 2/2
			Code specifying the	type of change to the line item		
			RZ I	Replace All Values		
			t	Receiver should replace the corresp the original purchase order with the contained in the Purchase Order Ch Transaction Set	value	es
	POC08	235	Product/Service ID	) Qualifier	Х	ID 2/2
			Product/Service ID	e type/source of the descriptive num (234) Mutually Defined	ber u	sed in
	POC09	234	Product/Service ID	)	Х	AN 1/48
			Identifying number f	or a product or service		
			"EU_DISC"			

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*ND*DISC NBR (EU-55)
	SI*TI*T6*TC OPT (EU-57)

			Data Element	Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Qualifier	r Code	М	ID 2/2
			Code identifying t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of se	rvice	•
			ND	Disconnect Number		
			Т6	Transfer of Calls Options		
М	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying numbe	er for a product or service		
			<b>`</b>	5) = Disconnect Telephone Number = Transfer of Call Options		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	1000 POC Detail Optional >1 To speci 1 At le 2 If eit 3 If eit	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required of contains data relating to the value cited in REF02.		
Notes:	REF*IX*	DNUM (EU-54)*DNUM		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification IX Item Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa	ction	Set or as

specified by the Reference Identification Qualifier DNUM (EU-54) = Disconnect Line Number

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

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REF03

352

Description

content "DNUM" X AN 1/80

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<ul> <li>DTM Date/Time Reference</li> <li>2000</li> <li>POC Optional</li> <li>Detail</li> <li>Optional</li> <li>10</li> <li>To specify pertinent dates and times</li> <li>1 At least one of DTM02 DTM03 or DTM05 is required.</li> <li>2 If DTM04 is present, then DTM03 is required.</li> <li>3 If either DTM05 or DTM06 is present, then the other is required.</li> </ul>					
Ref. Des.	Data	Data Elemen	t Summary			
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name				
DTM01	374	Date/Time Qua		М	ID 3/3	
			type of date or time, or both date and tir	ne		
		376	Delivery End			
			The date that deliveries will end			
DTM02	373	Date		Х	DT 8/8	
		•	as CCYYMMDD			
		TC PER (EU-62	<ol> <li>Transfer of Calls Period</li> </ol>			

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	4600 SLN Detail Optional 1 To speci 1 If eit 2 If SL 3 If SL 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 10 If eit 13 If eit 13 If eit 13 If eit 13 If eit 13 SLN eve 3 SLN the a 1 See 2 SLN item to re 3 SLN	Subline Item Detail         Optional         fy product subline detail item data         her SLN04 or SLN05 is present, then the other is required.         N07 is present, then SLN06 is required.         N08 is present, then SLN06 is required.         her SLN09 or SLN10 is present, then the other is required.         her SLN13 or SLN14 is present, then the other is required.         her SLN15 or SLN16 is present, then the other is required.         her SLN17 or SLN18 is present, then the other is required.         her SLN19 or SLN20 is present, then the other is required.         her SLN21 or SLN22 is present, then the other is required.         her SLN20 or SLN20 is present, then the other is required.         her SLN21 or SLN22 is present, then the other is required.         her SLN23 or SLN26 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         01 is the identifying number for the subline item.         02 is the identifying number for the subline level. The subline         is a code indicating the relationship of the price or amount to associated segment.         03 is the configuration code indicating the relationship of the baseline number.         04 is related to (but not neccessarily equivalent to) the baseline number l
Notes:		l No., Model No., or SKU. PRI*n*A*1*EA
Ref.	Data	Data Element Summary
	<u>Element</u>	Name
Attributes SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set "TCPRI"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a

NЛ
IVI

Μ

SLN03

SLN04

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380

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Numeric value of quantity

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Μ

ID 1/1

X R 1/15

transaction set

А

Quantity

**Relationship Code** 

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	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*TC*TC TO PRI (EU-58)

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<b>Attributes</b>				
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	
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (EU-58) = Transfer of Calls To Primary Num	ber	

Segment:	N1 Name				
Position:	5360				
Loop:	N1 Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To identify a party by type of organization, name, and code				
Syntax Notes:	1 At least one of N102 or N103 is required.				
	2 If either N103 or N104 is present, then the other is required.				
Semantic Notes:					
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>				
Notes:	N1*TT*TC NAME (EU-58b)				

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier C	ode	Μ	ID 2/3
		Code identifying an or an individual TT	n organizational entity, a physical loca Transfer To	ition,	, property
N102	93	Name		Х	AN 1/60
		Free-form name			
		TC NAME (EU-58b	<ul> <li>Transfer of Calls to Name</li> </ul>		

Segment:	<b>REF</b> Reference Identification			
Position:	5700			
Loop:	N1 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	12			
Purpose:	To specify identifying information			
Syntax Notes:	1 At least one of REF02 or REF03 is required.			
	2 If either C04003 or C04004 is present, then the other is required.			
	3 If either C04005 or C04006 is present, then the other is required.			
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.			
Comments:				
Notes:	REF*55*TCID (EU-58a)*PRI			
	Data Element Summary			
Ref.	Data			
Des.	Element Name			
<u>Attributes</u>				

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (EU-58a) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

REF01

REF02

REF03

128

127

352

55

Description

content "PRI" M ID 2/3

X AN 1/30

X AN 1/80

Segment:	SLN	Subline Item Detail		
Position:		4600		
Loop:		SLN Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:		fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.		
		N07 is present, then SLN06 is required.		
		.N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required.		
		her SLN19 of SLN10 is present, then the other is required.		
		her SLN13 or SLN14 is present, then the other is required.		
		her SLN15 or SLN16 is present, then the other is required.		
		her SLN17 or SLN18 is present, then the other is required.		
		her SLN19 or SLN20 is present, then the other is required.		
		her SLN21 or SLN22 is present, then the other is required.		
		her SLN23 or SLN24 is present, then the other is required.		
		her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required.		
Semantic Notes:		01 is the identifying number for the subline item.		
•••••••		02 is the identifying number for the subline level. The subline		
		is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of the		
		ine item to the baseline item.		
		08 is a code indicating the relationship of the price or amount to		
Comments:		associated segment. the Data Element Dictionary for a complete list of IDs.		
comments.		01 is related to (but not necessarily equivalent to) the baseline		
		number. Example: 1.1 or 1A might be used as a subline number		
		late to baseline number 1.		
		09 through SLN28 provide for ten different product/service IDs		
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,		
Nataa		No., Model No., or SKU.		
Notes:	SLINTIC	SEC*n*A*1*EA [SLN Loop may repeat]		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
A SLN01	350	Assigned Identification M AN 1/20		
		Alphanumeric characters assigned for differentiation within a		
		transaction set "TCSEC"		
SI NO2	250			
SLN02	350	Assigned Identification O AN 1/20		
		Alphanumeric characters assigned for differentiation within a transaction set		
		"n" = nth assigned ID within SLN loop		
A SLN03	662	Relationship Code M ID 1/1		
	002	Code indication the relationship between entities		

м

Μ

SLN04

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Numeric value of quantity

А

Quantity

380

Code indicating the relationship between entities

X R 1/15

Add

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

Segment:	SI Service Characteristic Identification
Position:	4700
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*TC*TC TO SEC (EU-59)

	Ref.	Data	News		
	Des.	<u>Element</u>	name		
	Attributes	<b>EE0</b>	Agency Quelifier Code	84	
М	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (EU-59) = Transfer of Calls To Secondary Number		ber

Segment:	N1 Name
Position:	5360
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME(EU-61)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical or an individual TT Transfer To	location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME(EU-61) = Transfer of Calls to Name		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	Reference Identification         5700         N1       Optional         Detail         Optional         12         To specify identifying information         1         At least one of REF02 or REF03 is required.
Semantic Notes: Comments: Notes:	<ol> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>REF04 contains data relating to the value cited in REF02.</li> <li>REF*55*TCID (EU-60)*SEC</li> </ol>
Ref. <u>Des.</u>	Data Element Summary Data <u>Element</u> <u>Name</u>

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (EU-60) = Transfer of Calls To Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

Attributes

REF01

REF02

REF03

128

127

352

55

Description

content "SEC"

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ID 2/3

X AN 1/30

X AN 1/80

Segment:	<b>POC</b> Line Item Change - Centrex Resale Service Form (Details
Position: Loop: Level: Usage: Max Use:	Section) 0100 POC Optional Detail Optional
Purpose: Syntax Notes:	<ul> <li>To specify changes to a line item</li> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> </ul>
Semantic Notes: Comments:	<ul> <li>7 If either POC16 or POC17 is present, then the other is required.</li> <li>8 If either POC18 or POC19 is present, then the other is required.</li> <li>9 If either POC20 or POC21 is present, then the other is required.</li> <li>10 If either POC22 or POC23 is present, then the other is required.</li> <li>11 If either POC24 or POC25 is present, then the other is required.</li> <li>12 If either POC26 or POC27 is present, then the other is required.</li> <li>14 POC01 is the purchase order line item identification.</li> </ul>

Comments: Notes:

POC*n*RZ*****ZZ*CX	[POC Loop may repeat]
--------------------	-----------------------

	Ref.	Data			
	Des.	Element	Name		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with transaction set	hin a	l
			"n" = nth assigned ID within POC loop		
Μ	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the correspond the original purchase order with the v contained in the Purchase Order Cha Transaction Set	alue	S
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er u	sed in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"CX"		

Segment:	SI Service Characteristic Identification
•	
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1 To operative complete statistic data
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> </ol>
	<ol> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> </ol>
	<ul><li>4 If either SI10 or SI11 is present, then the other is required.</li></ul>
	<ul><li>5 If either SI12 or SI13 is present, then the other is required.</li></ul>
	<ul><li>6 If either SI14 or SI15 is present, then the other is required.</li></ul>
	<ul><li>7 If either SI16 or SI17 is present, then the other is required.</li></ul>
	<ul><li>8 If either SI18 or SI19 is present, then the other is required.</li></ul>
	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*NQ*NPI (CX-32)
	SI*TI*SA*LNA (CX-33)
	SI*TI*TN*TNS (CX-35)
	SI*TI*OT*OTN (CX-38)
	SI*TI*T6*TC OPT (CX-56a)
	SI*TI*TS*SGNL (CX-58)
	SI*TI*AT*LTC (CX-45)
	SI*TI*TQ*TLI (CX-36a)
	SI*TI*T5*TERS (CX-36)
	SI*TI*LZ*LSCP (CX-46)

			Data Element	Junnary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	er Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charac	teristics Qualifier	Μ	AN 2/2
			Code from an inc characteristics	dustry code list qualifying the type of se	ervice	;
			AT	Customer Access Treatment		
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			ОТ	Out Telephone Number		
			SA	Service Activity		
			T5	Terminal Number		
			Т6	Transfer of Calls Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
			TS	Type of Signaling		
М	SI03	234	Product/Service	e ID	Μ	AN 1/48
			Identifying numb	er for a product or service		
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LNA (CX-33) = Line Activity

- C= (DWS: C-Change)
- V= (DWS: V-Conversion as specified)
- CT= (DWS: X-Telephone number change)
- A= (DWS: N-New)
- D= (DWS: D-Disconnect)
- P= (DWS: P-PIC change)
- T= (DWS: T-Outside Move within the Central Office)
- L= (DWS: L-Seasonal Suspend)

SGNL(CX-58) = Signaling LST(DWS: LS-Loop Start (default)) GST(DWS: GS-Ground Start)

NPI (CX-32) = Number Portability Indicator TNS (CX-35) = Telephone Numbers OTN (CX-38) = Out Telephone Number TC OPT (CX-56a) =Transfer of Calls Option LTC (CX-45) = Line Treatment Code TLI (CX-36a) = Telephone Line Identifier TERS (CX-36) = Terminal Numbers LSCP (CX-46) = Local Service Provider Change Prohibited

Segment: Position: Loop: Level: Usage: Max Use:	0500 PID Detail Optional 1			
Purpose: Syntax Notes:		ribe a product or process in coded or free-form format D04 is present, then PID03 is required.		
Semantic Notes:	<ol> <li>At let</li> <li>If PI</li> <li>If PI</li> <li>If PI</li> <li>If PI</li> <li>Use</li> <li>bein</li> </ol>	east one of PID04 or PID05 is required. D07 is present, then PID03 is required. D08 is present, then PID04 is required. D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the coo g referred to. D4 should be used for industry-specific product description		t
Comments:	<ul> <li>3 PID( in Pl item inde</li> <li>4 PID(</li> <li>1 If PI PID(</li> <li>used</li> <li>2 Use bein</li> <li>3 PID(</li> </ul>	<ul> <li>08 describes the physical characteristics of the product id</li> <li>1D04. A "Y" indicates that the specified attribute applies to</li> <li>; an "N" indicates it does not apply. Any other value is terminate.</li> <li>09 is used to identify the language being used in PID05.</li> <li>D01 equals "F", then PID05 is used. If PID01 equals "S",</li> <li>04 is used. If PID01 equals "X", then both PID04 and PID</li> <li>HID06 when necessary to refer to the product surface or</li> <li>g described in the segment.</li> <li>D7 specifies the individual code list of the agency specifie</li> </ul>	this then 05 ai laye	re
Notes:	PID PID*S**	J3. TI*AG***SO-RSQ*NIDR(CX-63a)		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
I PID01	349	Item Description Type	Μ	ID 1/1
PID03	559	Code indicating the format of a description S Structured (From Industry Code List) Agency Qualifier Code	x	ID 2/2
		Code identifying the agency assigning the code values TI Telecommunications Industry		
PID04	751	Product Description Code	X	AN 1/12
		A code from an industry code list which provides specifi product characteristic AG Network Interface Device Request	c dat	
PID07	822	Source Subqualifier A reference that indicates the table or text maintained by Qualifier SO-RSQ Service Order - Reseller Questions	<b>O</b> y the	AN 1/15 Source
PID08	1073	Yes/No Condition or Response Code	ο	ID 1/1
		Code indicating a Yes or No condition or response		
		NIDR(CX-63a) = Network Interface Device Request		

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 POC Detail Optional >1 To spec 1 At le 2 If eit 3 If eit 1 REF REF*IX* REF*IX*	fy identifying information east one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require 04 contains data relating to the value cited in REF02. LOCNUM(CX-29)*LOCNUM LNUM(CX-30)*LNUM		
	REF*AE	*SAN(CX-54)		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
<u>Attributes</u> M REF01	128	Code qualifying the Reference Identification AE Authorization for Expense (AFE) Num	<b>M</b> nber	ID 2/3
REF02	127	IX     Item Number       Reference Identification       Reference information as defined for a particular Transact       specified by the Reference Identification Qualifier       LOCNUM(CX-29) = Location Number       LNUM(CX-30) = Line Number	X ction	AN 1/30 Set or as
REF03	352	SAN(CX-54) = Subscriber Authorization Number <b>Description</b> A free-form description to clarify the related data element content "LOCNUM"	X ts ai	<b>AN 1/80</b> nd their

Updated: March 11, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	2000 POC Detail Optional 10 To speci <b>1</b> At le <b>2</b> If DT <b>3</b> If eit	fy pertinent dat ast one of DTN M04 is presen her DTM05 or		l.
Ref. Des.	Data Element	Data Elemo	ent Summary	
Attributes		Mame		
A DTM01	374	Date/Time Q		
		376	ng type of date or time, or both date and tim	e
		370	Delivery End The date that deliveries will end	
DTM02	373	Date		K DT 8/8
-	-	Date expresse	ed as CCYYMMDD	
		TC PER(CX-5	56h) = Transfer of Calls Period	

М

Segment:	N9 R	Reference Identification		
Position:				
	3200 N9	Ontional		
Loop:	-	Optional		
Level:	Detail			
Usage: Max Use:	Optional			
Purpose:	To trans	mit identifying information as specified by the Reference		
Fulpose.		ation Qualifier		
Syntax Notes:		east one of N902 or N903 is required.		
Cyntax Notes.		206 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is required	4	
		her C04005 or C04006 is present, then the other is required		
Semantic Notes:		6 reflects the time zone which the time reflects.		
		7 contains data relating to the value cited in N902.		
Comments:				
Notes:	N9*H7*C	DRI*CX****2W>MANUAL IND(CX-68b)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
N901	128	Reference Identification Qualifier M	1	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification X	K	AN 1/30
		Reference information as defined for a particular Transacti	on	Set or as

	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	actior	n Set or as
	N903	369	Free-form Description	Χ	AN 1/45
			Free-form descriptive text		
			"CX"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	ion r	numbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	actior	n Set or as
			MANUAL IND(CX-68b) = Manual Indicator		

Segment:	MTX Text	
Position:	3260	
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	ore print".
	then MTX05 is required.	1 ,
Notes:	MTX**REMARKS(CX-68a)	
	Data Element Summary	
Ref.	Data	
Des.	Element Name	
<u>Attributes</u>		
MTX02	1551 Message Text	X AN 1/4096
	To transmit large volumes of message text	

REMARKS(CX-68a) = Remarks

Segment:	N1 ⊾	lame	
Position:	3400		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To ident	fy a party by type of organization, name, and code	
Syntax Notes:	1 At le	ast one of N102 or N103 is required.	
	2 If eit	her N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	prov "ID ( trans	segment, used alone, provides the most efficient metho iding organizational identification. To obtain this efficienc Code" (N104) must provide a key to the table maintained saction processing party. 5 and N106 further define the type of entity in N101.	cy the
Notes:	N1*P9**	41*PIC (CX-41)	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	Name	
<u>Attributes</u>			
I N101	98	Entity Identifier Code	M ID 2/3

or an individual

**Identification Code Qualifier** 

Identification Code (67)

**Identification Code** 

P9

41

66

67

Code identifying an organizational entity, a physical location, property

interexchange calls

being billed

PIC (CX-41) = InterLATA Pre-subscription Indicator

Code identifying a party or other code

Code designating the system/method of code structure used for

Primary Interexchange Carrier (PIC) Identifies the carrier who will handle the

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

N	л	

Updated: March 11, 2002	Q
	F

N103

N104

X ID 1/2

X AN 2/80

Segment:	N1 Name
Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*8V**41*LPIC (CX-42)

		Data Element	Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier C	Code	Μ	ID 2/3
		Code identifying a or an individual	n organizational entity, a physical loc	cation	, property
		8V	Primary Intra-LATA (Local Access <sup>-</sup> Carrier	Fransp	oort Area)
N103	66	Identification Co	de Qualifier	Х	ID 1/2
		Code designating Identification Code 41	the system/method of code structure e (67) Telecommunications Carrier Identifi		
			Identifies the Interexchange carrier being billed	for the	e charges
N104	67	Identification Co	de	Х	AN 2/80
		Code identifying a	party or other code		
		LPIC (CX-42) = In	traLATA Pre-subscription Indicator		

Segment:	<b>SLN</b>	Subline Item Detail
Position:	4600	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1 To on oci	fu product aubling datail item data
Purpose: Syntax Notes:		fy product subline detail item data her SLN04 or SLN05 is present, then the other is required.
Syntax Notes.		N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
	5 If eit	her SLN11 or SLN12 is present, then the other is required.
		her SLN13 or SLN14 is present, then the other is required.
		her SLN15 or SLN16 is present, then the other is required.
		her SLN17 or SLN18 is present, then the other is required.
		her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the ne item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:		PRI*n*A*1*EA
		Data Element Summary
Ref.	Data	News
<u>Des.</u> Attributos	<u>Element</u>	<u>name</u>
Attributes A SLN01	350	Assigned Identification M AN 1/20
021101	000	Alphanumeric characters assigned for differentiation within a
		transaction set
		"TCPRI"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a
		transaction set
		"n" - nth assigned ID within SLN loop

8.4
IVI

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SLN03

662

SLN04	380	A <b>Quantity</b> Numeric value	Add of quantity	x	R 1/15
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"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

**Relationship Code** 

ID 1/1

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO PRI(CX-56b)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI(CX-56b) = Transfer of Calls to Primary Num	nber	

Segment:	N1 Name
Position:	5360
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME(CX-56d)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name			
N101	98	Entity Identifier C	Code	М	ID 2/3
		Code identifying a or an individual TT	n organizational entity, a physical loca Transfer To	ition,	, property
N102	93	Name		Х	AN 1/60
		Free-form name			
		TC NAME(CX-56d	l) = Transfer of Calls to Name		

Segment: Position: Loop: Level:	REF Reference Identification 5700 N1 Optional Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes: Semantic Notes: Comments:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Notes:	REF*55*TCID(CX-56c)*PRI
	Data Element Summary
Ref.	Data
Des.	Element Name

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID(CX-56c) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

Attributes

REF01

REF02

REF03

128

127

352

55

Description

content "PRI" Μ

Х

ID 2/3

X AN 1/30

AN 1/80

	Segment:	SLN	Subline Item Detail					
	Position:	4600						
	Loop:	SLN	Optional					
	Level:	Detail	•					
	Usage:	Optional						
	Max Use:	1						
	Purpose:		To specify product subline detail item data					
	Syntax Notes:	2 If SL	her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required.					
			N08 is present, then SLN06 is required.					
			her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required.					
			her SLN13 or SLN14 is present, then the other is required.					
			her SLN15 or SLN16 is present, then the other is required.					
			her SLN17 or SLN18 is present, then the other is required.					
			her SLN19 or SLN20 is present, then the other is required.					
			her SLN21 or SLN22 is present, then the other is required.					
		11 If eit	her SLN23 or SLN24 is present, then the other is required.					
			her SLN25 or SLN26 is present, then the other is required.					
-			her SLN27 or SLN28 is present, then the other is required.					
Se	mantic Notes:		01 is the identifying number for the subline item.					
			02 is the identifying number for the subline level. The subline					
			l is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the					
			ine item to the baseline item.					
			08 is a code indicating the relationship of the price or amount to					
			associated segment.					
	Comments:		the Data Element Dictionary for a complete list of IDs.					
			01 is related to (but not necessarily equivalent to) the baseline					
			number. Example: 1.1 or 1A might be used as a subline number					
			late to baseline number 1.					
			09 through SLN28 provide for ten different product/service IDs					
			ach item. For example: Case, Color, Drawing No., U.P.C. No.,					
	Notes:		N No., Model No., or SKU. SEC*n*A*1*EA [SLN Loop may repeat]					
	10103.	OLIVIO						
			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	Name					
-	<u>Attributes</u>							
N	SLN01	350	Assigned Identification M AN 1/2					
			Alphanumeric characters assigned for differentiation within a					
			transaction set "TCSEC"					
	CI NOO	250						
	SLN02	350	Assigned Identification O AN 1/2					
			Alphanumeric characters assigned for differentiation within a transaction set					
			"n" = nth assigned ID within SLN loop					

	i ten	Dulu			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation with transaction set	hin a	a
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with transaction set	hin a	a
			"n" = nth assigned ID within SLN loop		
М	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
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			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is b manner in which a measurement has been tak EA Each	0 1

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO SEC(CX-56e)

	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		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	)
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (CX-56e) = Transfer of Calls to Secondary	Num	ber

Segment:	N1 Name					
Position:	5360					
Loop:	N1 Optional					
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To identify a party by type of organization, name, and code					
Syntax Notes:						
	<b>2</b> If either N103 or N104 is present, then the other is required.					
Semantic Notes:						
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>					
Notes:	N1*TT*TC NAME(CX-56g)					

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 physica or an individual TT Transfer To	l location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME(CX-56g) = Transfer of Calls to Name		

Segment:	<b>REF</b> Reference Identification				
Position:	5700				
Loop:	N1 Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	12				
Purpose:	To specify identifying information				
Syntax Notes:	1 At least one of REF02 or REF03 is required.				
	2 If either C04003 or C04004 is present, then the other is required.				
	<b>3</b> If either C04005 or C04006 is present, then the other is required.				
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.				
Comments:	-				
Notes: REF*55*TCID(CX-56f)*SEC					
	Data Element Summary				
Ref.	Data				

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID(CX-56f) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

Element Name

55

Description

content "SEC"

128

127

352

<u>Des.</u> Attributes REF01

REF02

REF03

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n	/1	

Μ

ID 2/3

X AN 1/30

X AN 1/80

Segment: Position:	4600	Subline Item Detail		
Loop: Level: Usage: Max Use:	SLN Detail Optional 1	Optional		
Purpose: Syntax Notes:	To specif <b>1</b> If eith <b>2</b> If SL <b>3</b> If SL <b>4</b> If eith <b>5</b> If eith <b>6</b> If eith <b>7</b> If eith <b>8</b> If eith <b>9</b> If eith <b>10</b> If eith <b>11</b> If eith	fy product subline detail item data ner SLN04 or SLN05 is present, then the other is required N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. ner SLN09 or SLN10 is present, then the other is required ner SLN11 or SLN12 is present, then the other is required ner SLN13 or SLN14 is present, then the other is required ner SLN15 or SLN16 is present, then the other is required ner SLN17 or SLN18 is present, then the other is required ner SLN19 or SLN20 is present, then the other is required ner SLN21 or SLN20 is present, then the other is required ner SLN21 or SLN22 is present, then the other is required ner SLN23 or SLN24 is present, then the other is required ner SLN23 or SLN24 is present, then the other is required	. t.    	
Semantic Notes:	<ul> <li>13 If eith</li> <li>1 SLN0</li> <li>2 SLN0</li> <li>level</li> <li>3 SLN0</li> </ul>	her SLN25 or SLN26 is present, then the other is required her SLN27 or SLN28 is present, then the other is required of 1 is the identifying number for the subline item. O2 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials. O3 is the configuration code indicating the relationship of	d. Iline	
Comments:	<ul> <li>4 SLN0 the a</li> <li>1 See</li> <li>2 SLN0 item to rel</li> </ul>	ne item to the baseline item. D8 is a code indicating the relationship of the price or amoust associated segment. The Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the bas number. Example: 1.1 or 1A might be used as a subline late to baseline number 1.	seline numl	e ber
	for e	09 through SLN28 provide for ten different product/servic ach item. For example: Case, Color, Drawing No., U.P.C I No., Model No., or SKU.		
Notes:		n*A*1*EA		
Ref.	Data	Data Element Summary		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	name		
N SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation with transaction set	<b>M</b> hin a	AN 1/20
SLN02	350	"BL" Assigned Identification Alphanumeric characters assigned for differentiation with transaction set	<b>O</b> hin a	AN 1/20
		"n" = nth assigned ID within SLN loop		
1 SLN03	662	Relationship Code         Code indicating the relationship between entities         A       Add	М	ID 1/1
SLN04	380	Quantity	Х	R 1/15

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Numeric value of quantity

Μ

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

Segment:	SI Service Characteristic Identification				
Position:	4700				
Loop:	SLN Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	>1				
Purpose:	To specify service characteristic data				
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.				
	2 If either SI06 or SI07 is present, then the other is required.				
	<b>3</b> If either SI08 or SI09 is present, then the other is required.				
	4 If either SI10 or SI11 is present, then the other is required.				
	5 If either SI12 or SI13 is present, then the other is required.				
	6 If either SI14 or SI15 is present, then the other is required.				
	7 If either SI16 or SI17 is present, then the other is required.				
	8 If either SI18 or SI19 is present, then the other is required.				
	<b>9</b> If either SI20 or SI21 is present, then the other is required.				
Semantic Notes:					
Comments:	1 SI01 defines the source for each of the service characteristics				
	qualifiers.				
Notes:	SI*TI*BB*BA(CX-47)*TB*BLOCK(CX-48)				

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			BB Blocking Activity		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			BA(CX-47) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			TB Blocking/Billing Exception		
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			BLOCK(CX-48) = Block		

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Segment: Position: Loop: Level: Usage: Max Use: Purpose:	4600 SLN Detail Optional 1 To speci	Subline Item Detail Optional fy product subline detail item data		
Syntax Notes:	<ul> <li>2 If SL</li> <li>3 If SL</li> <li>4 If eitit</li> <li>5 If eitit</li> <li>6 If eitit</li> <li>7 If eitit</li> <li>8 If eitit</li> <li>9 If eitit</li> <li>10 If eitit</li> <li>11 If eitit</li> <li>12 If eitit</li> </ul>	her SLN04 or SLN05 is present, then the other is required N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required her SLN11 or SLN12 is present, then the other is required her SLN13 or SLN14 is present, then the other is required her SLN15 or SLN16 is present, then the other is required her SLN17 or SLN18 is present, then the other is required her SLN19 or SLN20 is present, then the other is required her SLN21 or SLN22 is present, then the other is required her SLN23 or SLN24 is present, then the other is required her SLN25 or SLN26 is present, then the other is required her SLN25 or SLN26 is present, then the other is required	d. d. d. d. d. d. d. d.	
Semantic Notes:	<ol> <li>SLN</li> <li>SLN</li> <li>level</li> <li>SLN</li> <li>subli</li> <li>SLN</li> </ol>	her SLN27 or SLN28 is present, then the other is required 01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of ne item to the baseline item. 08 is a code indicating the relationship of the price or am associated segment.	oline the	to
Comments:	<ol> <li>See</li> <li>SLN</li> <li>item</li> <li>to re</li> <li>SLN</li> <li>for e</li> </ol>	the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the bas number. Example: 1.1 or 1A might be used as a subline late to baseline number 1. 09 through SLN28 provide for ten different product/servic ach item. For example: Case, Color, Drawing No., U.P.C I No., Model No., or SKU.	numl e IDs	ber S
Notes:		n*A*IWJQ (CX-65)*EA****EQ*IWJK (CX-64) [SLN Loop e Wiring pair]	may	repeat
Ref. <u>Des.</u>	Data Element	Data Element Summary		
<u>Des.</u> <u>Attributes</u>		<u>Name</u>		
M SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set	<b>M</b> hin a	AN 1/20
SLN02	350	"IW" Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set	<b>O</b> hin a	AN 1/20
		"n" = nth assigned ID within SLN loop		
M SLN03	662	Relationship Code         Code indicating the relationship between entities         A       Add	М	ID 1/1
SLN04	380	Quantity	x	R 1/15

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М

М

			Numeric value of quantity			
			IWJQ(CX-65) = Inside Wire Jack Quantity			
	SLN05	C001	Composite Unit of Measure	X		
м			To identify a composite unit of measure (See Figures Appendix for examples of use) Unit or Basis for Measurement Code M ID 2/2			
IVI	C00101	355		M ID 2/2		
			Code specifying the units in which a value is be manner in which a measurement has been take EA Each	<b>e</b> .		
	SLN09	235	Product/Service ID Qualifier	X ID 2/2		
			Code identifying the type/source of the descript Product/Service ID (234)	ive number used in		
			EQ Equipment Type			
	SLN10	234	Product/Service ID	X AN 1/48		
			Identifying number for a product or service			
			IWJK(CX-64) = Inside Wire Jack Code			

Sagmanti	SI N	Subline Item Detail
Segment:		Subilite Item Detail
Position:	4600	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	6 I. A. I.B. I.A. 1974 I.A.
Purpose:		fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
		N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
		her SLN11 or SLN12 is present, then the other is required.
		her SLN13 or SLN14 is present, then the other is required.
		her SLN15 or SLN16 is present, then the other is required.
		her SLN17 or SLN18 is present, then the other is required.
		her SLN19 or SLN20 is present, then the other is required.
		her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
Osmantis Natasa		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		l is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
•		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:	SLN*FA	*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]
Ref.	Data	Data Element Summary
		Namo
<u>Des.</u> Attributes	<u>Element</u>	
Attributes	350	Assigned Identification M AN
	550	•
		Alphanumeric characters assigned for differentiation within a
		transaction set

М

	Attributes				
М	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation w transaction set	ithin	а
			"FA"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation w transaction set	ithin	а
			"n" = nth assigned ID within SLN loop		
Μ	SLN03	662	Relationship Code	Μ	M ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
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			1 Always One			
	SLN05	C001	Composite Unit of Measure	X		
			To identify a composite unit of measure (See examples of use)	Figures Appendix for		
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2		
			Code specifying the units in which a value is being expresse manner in which a measurement has been taken EA Each			

Segment:	SI Service Characteristic Identification
Position:	4700
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*SA*FA (CX-66)*SC*FEATURE (CX-67)
	SI*TI*FD*FEATURE DETAIL (CX-68) [SI Segment may repeat]

			Data Element Sum	nary				
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
	<u>Attributes</u>							
М	SI01	559	Agency Qualifier Cod	e	Μ	ID 2/2		
			Code identifying the ag	ency assigning the code values				
			TI Tele	ecommunications Industry				
М	SI02	1000	Service Characteristic	cs Qualifier	Μ	AN 2/2		
			characteristics	de from an industry code list qualifying the type of service aracteristics				
			FD Fea	ture Data				
			SA Ser	vice Activity				
М	SI03	234	Product/Service ID		Μ	AN 1/48		
			Identifying number for a	a product or service				
			A=(DWS: N-Add) CF=(DWS: C-Chang D=(DWS: D-Discon V=(DWS: V-Conver CT=(DWS: T-Chang	A(CX-66) = Feature Activity A=(DWS: N-Add) CF=(DWS: C-Change (old values)) D=(DWS: D-Disconnect) V=(DWS: V-Conversion as Specified) CT=(DWS: T-Change (new values))				
	010 /		FEATURE DETAIL (CX	•	~			
	SI04	1000	Service Characteristic		Х	AN 2/2		
			Code from an industry characteristics SC Serv	vice				
	SI05	234	Product/Service ID		Х	AN 1/48		
			Identifying number for a	a product or service				
			FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Feature FEATURE(CX-67) = Fe	eature Codes				

Segment:	POC Line Item Change - Regular Hunting
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC18 or POC19 is present, then the other is required.</li> </ol>
	<ul><li>9 If either POC20 or POC21 is present, then the other is required.</li></ul>
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	1 POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*HG [If this segment appears HNTYP(LSR-116) = 5]

) AN	1/20		
na			
I ID 2	2/2		
ues	alues in		
ID 2	2/2		
used	in		
AN	1/48		
Identifying number for a product or service "HG"			
	n a ding va ues ge ( ID r used		

Segment:	SI Service Characteristic Identification					
Position:	0180					
Loop:	POC Optional					
Level:	Detail					
Usage:	Optional					
Max Use:	>1					
Purpose:	To specify service characteristic data					
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.					
	2 If either SI06 or SI07 is present, then the other is required.					
	3 If either SI08 or SI09 is present, then the other is required.					
	4 If either SI10 or SI11 is present, then the other is required.					
	5 If either SI12 or SI13 is present, then the other is required.					
	6 If either SI14 or SI15 is present, then the other is required.					
	7 If either SI16 or SI17 is present, then the other is required.					
	8 If either SI18 or SI19 is present, then the other is required.					
	9 If either SI20 or SI21 is present, then the other is required.					
Semantic Notes:						
Comments:	1 SI01 defines the source for each of the service characteristics					
	qualifiers.					
Notes:	SI*TI*SA*HA (LSR-112)					
	SI*TI*SG*HID (LSR-113)					
	SI*TI*SF*HNTYP (LSR-116)					

	Data Element Summary					
	Ref.	Data				
	Des.	<u>Element</u>	Name			
	Attributes					
Μ	SI01	559	Agency Qualifier Code		Μ	ID 2/2
			Code identifying the	Code identifying the agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an inde	Code from an industry code list qualifying the type of se		
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
Μ	SI03	234	<b>Product/Service</b>	ID	М	AN 1/48
			Identifying numbe	r for a product or service		
			. , ,	lunt Group Activity		
			,	ange) move) nversion as specified)		
			C=(DWS: C-Cha D=(DWS: D-Re V=(DWS: V-Cor HNTYP (LSR-116	ange) move) nversion as specified) i) = Hunting Type Code : 5-Regular/Series)		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eit 3 If eit	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is required         her C04005 or C04006 is present, then the other is required         04 contains data relating to the value cited in REF02.	
Semantic Notes: Comments:	1 KEF	04 contains data relating to the value cited in REFU2.	
Notes:	<b>REF*IX*</b>	HNUM(LSR-110)*HNUM	
	REF*IX*	LOCNUM(LSR-109)*LOCNUM	
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>	
A REF01	128	Reference Identification Qualifier M	ID 2/3
		Code qualifying the Reference Identification IX Item Number	
REF02	127	Reference Identification X	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier HNUM(LSR-110) = Hunt Number LOCNUM(LSR-109) = Location Number	on Set or as
REF03	352	Description X	AN 1/80
		A free-form description to clarify the related data elements content "HNUM" "LOCNUM"	and their

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Segment:	SLN	Subline Item Detail		
Position:				
Loop:	4600 SLN	Optional		
Level:	Detail	Optional		
Usage:	Optional			
Max Use:	1			
Purpose:	To speci	fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required	1.	
•		N07 is present, then SLN06 is required.		
	3 If SL	N08 is present, then SLN06 is required.		
	4 If eit	her SLN09 or SLN10 is present, then the other is required	l.	
		her SLN11 or SLN12 is present, then the other is required		
		her SLN13 or SLN14 is present, then the other is required		
		her SLN15 or SLN16 is present, then the other is required		
		her SLN17 or SLN18 is present, then the other is required		
		her SLN19 or SLN20 is present, then the other is required her SLN21 or SLN22 is present, then the other is required		
		her SLN23 or SLN24 is present, then the other is required		
		her SLN25 or SLN26 is present, then the other is required		
		her SLN27 or SLN28 is present, then the other is required		
Semantic Notes:		01 is the identifying number for the subline item.	-	
	2 SLN	02 is the identifying number for the subline level. The sub	line	
	level	is analogous to the level code used in a bill of materials.		
	3 SLN	03 is the configuration code indicating the relationship of t	he	
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or amo	ount	to
<b>•</b> •		associated segment.		
Comments:		the Data Element Dictionary for a complete list of IDs.	مانام	
		01 is related to (but not necessarily equivalent to) the bas number. Example: 1.1 or 1A might be used as a subline it		
		late to baseline number 1.	IUIIIL	
		09 through SLN28 provide for ten different product/service	e IDs	
		ach item. For example: Case, Color, Drawing No., U.P.C.		
		No., Model No., or SKU.		
Notes:	SLN*HN	T*n*A*1*EA		
		Data Element Summary		
Ref.	Data	Nama		
<u>Des.</u>	<u>Element</u>	Name		
Attributes SLN01	350	Assigned Identification	м	AN 1/20
I SENUT	550	-		AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	iin a	
		"HNT"		
SLN02	350	Assigned Identification	0	AN 1/20
JLNUZ	550	-	-	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	iin a	
		"n" = nth assigned ID within SLN loop		
	660		м	ID 1/4
I SLN03	662	Relationship Code	IVI	ID 1/1
		Code indicating the relationship between entities		

Numeric value of quantity

А

380

Quantity

SLN04

М

Μ

Add

X R 1/15

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

Segment:	N9 Reference Identification
Position:	5230
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.
	<b>3</b> 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*55*HTSEQ

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		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier "HTSEQ"	ransaction	Set or as

Segment:	MTX Text
Position:	5250
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**HTSEQ(LSR-118)
Ref. <u>Des.</u>	Data Element Summary Data <u>Element</u> <u>Name</u>
<u>Attributes</u> MTX02	1551Message TextXAN 1/4096To transmit large volumes of message text

HTSEQ(LSR-118) = Hunting Sequence

Segment:	POC Line Item Change - Multi-Line Hunting
Position: Loop: Level: Usage:	0100 POC Optional Detail Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC18 or POC19 is present, then the other is required.</li> <li>If either POC20 or POC21 is present, then the other is required.</li> <li>If either POC22 or POC23 is present, then the other is required.</li> <li>If either POC24 or POC25 is present, then the other is required.</li> <li>If either POC24 or POC25 is present, then the other is required.</li> </ol>
Semantic Notes:	<ul> <li>12 If either POC26 or POC27 is present, then the other is required.</li> <li>1 POC01 is the purchase order line item identification.</li> </ul>
Comments:	
Notes:	POC*n*RZ*****ZZ*ML [If this segment appears, HNTYP(LSR-116) = 4]

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

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> </ol>
	<ul><li>3 If either SI08 or SI09 is present, then the other is required.</li></ul>
	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:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI <sup>*</sup> SA*HA (LSR-112) SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116) SI*TI*TQ*TLI (LSR-115)

Data Element Summary						
	Ref.	Data				
	Des.	<b>Element</b>	Name			
	Attributes					
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			A= (DWS: N-Ne C= (DWS: C-Ch D= (DWS: D-Re	ange)		
			•	) = Hunt Type Code 5-Regular/Series) 4-Multi-Line)		
			. , ,	Hunt Group Identifier Telephone Line Identifier		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1000 POC Detail Optional >1 To speci <b>1</b> At le <b>2</b> If eit <b>3</b> If eit	fy identifying information east one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required		
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.		
Notes:		HNUM(LSR-110)*HNUM LOCNUM(LSR-109)*LOCNUM		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
M REF01	128	Reference Identification Qualifier M		ID 2/3
		Code qualifying the Reference Identification IX Item Number		
REF02	127	Reference Identification X	ſ	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier HNUM(LSR-110) = Hunt Number LOCNUM(LSR-109) = Location Number	on	Set or as
REF03	352	Description X	(	AN 1/80
		A free-form description to clarify the related data elements content "HNUM" "LOCNUM"	ar	nd their

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Segment: Position: Loop:	<b>SLN</b> 4600 SLN	Subline Item Detail Optional		
Level:	Detail			
Usage: Max Use:	Optional 1			
Purpose:	•	fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required	J.	
		N07 is present, then SLN06 is required. N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is required		
		her SLN11 or SLN12 is present, then the other is required her SLN13 or SLN14 is present, then the other is required		
	7 If eit	her SLN15 or SLN16 is present, then the other is required	d.	
		her SLN17 or SLN18 is present, then the other is required her SLN19 or SLN20 is present, then the other is required		
		her SLN21 or SLN22 is present, then the other is required		
		her SLN23 or SLN24 is present, then the other is required		
		her SLN25 or SLN26 is present, then the other is required her SLN27 or SLN28 is present, then the other is required		
Semantic Notes:		01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials.		
	3 SLN	03 is the configuration code indicating the relationship of		
		ne item to the baseline item. 08 is a code indicating the relationship of the price or amo	ount	to
	the a	associated segment.	June	
Comments:		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the bas	olinc	2
		number. Example: 1.1 or 1A might be used as a subline		
		late to baseline number 1.	م ا م	
		09 through SLN28 provide for ten different product/servic ach item. For example: Case, Color, Drawing No., U.P.C		
Neter	ISBN	No., Model No., or SKU.		
Notes:	SLN^MH	NT*n*A*1*EA		
		Data Element Summary		
Ref. Des.	Data <u>Element</u>	Name		
<u>Attributes</u>	Liement	Name		
M SLN01	350	Assigned Identification	М	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	nin a	
		"MHNT"		
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	nin a	
		"n" = nth assigned ID within SLN loop		
M SLN03	662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities		
	200	A Add	v	D 1/4F
SLN04	380	Quantity	Х	R 1/15

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Numeric value of quantity

Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See examples of use)	Figures Appendix for
М	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is b manner in which a measurement has been tak EA Each	0 1

Segment:	N9 Reference Identification
Position:	5230
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.
	<b>3</b> 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*55*HTSEQ

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		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier "HTSEQ"	ransaction	Set or as

Segment:	MTX Text		
Position:	5250		
Loop:	N9 Optional		
Level:	, Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:		, then MTX02 is required.	
	•	, then MTX02 is required.	
	•	, then MTX04 is required.	
Semantic Notes:		er of lines to advance before print	ting.
Comments:		dvance the specific number of line	
	then MTX05 is requ	-	• •
Notes:	MTX**HTSEQ(LSR-118		
		,	
<b>D</b> .(		ent Summary	
Ref.	Data		
Des.	<u>lement</u> <u>Name</u>		
Attributes	4554 Maaaaaa Taa		X AN 4/4000
MTX02	1551 Message Tex		X AN 1/4096
	To transmit la	ge volumes of message text	

HTSEQ(LSR-118) = Hunting Sequence

Segment:	<b>POC</b> Line Item Change - DL Form (Delivery
	Address/Information Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
oymax notoo.	2 If POC07 is present, then POC06 is required.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC12 or POC15 is present, then the other is required.
	<ul><li>7 If either POC16 or POC17 is present, then the other is required.</li></ul>
	<ul><li>8 If either POC18 or POC19 is present, then the other is required.</li></ul>
	<ul><li>9 If either POC20 or POC21 is present, then the other is required.</li></ul>
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
Comontio Notoo	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	<b>1</b> POC01 is the purchase order line item identification.
Comments:	

Comments: Notes:

# POC\*n\*RZ\*\*\*\*\*ZZ\*DA [POC Loop repeats DDQTY(DL-23) times]

	Ref.	Data	•		
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation w transaction set	ithin a	a
			"n" = nth assigned ID within POC loop		
М	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corres the original purchase order with the contained in the Purchase Order C Transaction Set	value	es
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined	ıber u	ised in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"DA"		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*AD*DACT (DL-81)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
м	Attributes SI01	559	Agapay Qualifier Code	м	ID 2/2
IVI	3101	559	Agency Qualifier Code Code identifying the agency assigning the code values	IVI	
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	)
			AD Address Activity		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			DACT(DL-81) = Delivery Activity		

Segment:	QTY Quantity
Position:	2930
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	QTY*31*DIRQTYA(DL-103)*DY
	Data Element Summary
Ref	Data

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	QTY01	673	Quantity Qualifie	Quantity Qualifier		ID 2/2
			Code specifying th	e type of quantity		
			31	Additional Demand Quantity		
	QTY02	380	Quantity		Х	R 1/15
			Numeric value of c	quantity		
			DIRQTYA(DSR-10	3) = Number of Directories for Annual	Del	ivery
	QTY03	C001	Composite Unit o	f Measure	0	
			To identify a comp examples of use)	osite unit of measure (See Figures A	pper	ndix for
М	C00101	355	Unit or Basis for	Measurement Code	Μ	ID 2/2
			Code specifying th	e units in which a value is being expre	esse	d, or
			manner in which a	measurement has been taken		
			DY	Directory Books		
				Number of directory books delivered	to cu	ustomer

Segment:	QTY Quantity
Position:	2930
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	QTY*38*DIRQTYNC(DL-104)*DY

**Data Element Summary** Ref. Data Des. Element Name <u>Attributes</u> Μ QTY01 673 **Quantity Qualifier** M ID 2/2 Code specifying the type of quantity 38 **Original Quantity** 380 **QTY02** Quantity Х R 1/15 Numeric value of quantity DIRQTYNC(DL-104) = Number of Directories Delivered on New Connect **QTY03** C001 **Composite Unit of Measure** 0 To identify a composite unit of measure (See Figures Appendix for examples of use) Μ C00101 355 Unit or Basis for Measurement Code M ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken DY **Directory Books** Number of directory books delivered to customer

Segment:	N1 Name
Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*DA*DELNAME

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier (	Code	Μ	ID 2/3
		Code identifying a or an individual DA	n organizational entity, a physical loca Delivery Address	tion,	, property
N102	93	Name		Х	AN 1/60
		Free-form name			
		"DELNAME"			

Segment:	N4 a	Geographic Location	
Position:	3700		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:		ify the geographic place of the named party	
Syntax Notes:		one of N402 or N407 may be present.	
		406 is present, then N405 is required.	
•	3 If N4	107 is present, then N404 is required.	
Semantic Notes:			<b>`</b>
Comments:		ombination of either N401 through N404, or N405 and N406	smay
		dequate to specify a location.	
Notes:		2 is required only if city name (N401) is in the U.S. or Cana	ida.
Notes:	114 517	ATE(DL-99)*ZIP(DL-100)	
		Data Flamant Summany	
Ref.	Data	Data Element Summary	
Des.	Element	Namo	
Attributes	<u>Liement</u>	Name	
N402	156	State or Province Code	X ID 2/2
		Code (Standard State/Province) as defined by appropriat	
		agency	s government
		STATE(DL-99) = State/Province	
N403	116		O ID 3/15
N403	110		
		Code defining international postal zone code excluding p	inctuation and
		blanks (zip code for United States) ZIP(DL-100) = ZIP/Postal Code	

#### NX2 Location ID Component Segment: Position: 3750 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\*DDANO (DL-85) NX2\*02\*DDASN (DL-88) NX2\*03\*DDASD (DL-87) NX2\*07\*CITY (DL-98)

NX2\*18\*DDALO (DL-90a) NX2\*40\*DDASS (DL-90) NX2\*59\*DDAPR (DL-84) NX2\*61\*DDASF (DL-86) NX2\*62\*DDATH (DL-89)

			Data Element	Summary		
	Ref.	Data	Nomo			
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
М	NX201	1106	Address Compo	nent Qualifier	М	ID 2/2
			•	ne type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Informa	ition	Μ	AN 1/55
			Address informati	on		
				= Delivery Address Number		
			. ,	Delivery Address Street Name     Delivery Address Street Directional F	Profix	
			CITY (DL-98) = C	<ul> <li>Delivery Address Street Directional F ity</li> </ul>	Tenx	
			· · · · ·	= Delivery Address Location		
				Delivery Address Street Directional S	uffix	
				= Delivery Address Number Prefix		
			. ,	<ul> <li>Delivery Address Number Suffix</li> <li>Delivery Address Street Type</li> </ul>		

Segment:	<b>POC</b> Line Item Change - DL Form (Service Details Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC18 or POC19 is present, then the other is required.</li> </ol>
	<ul> <li>9 If either POC20 or POC21 is present, then the other is required.</li> <li>10 If either POC22 or POC23 is present, then the other is required.</li> <li>11 If either POC24 or POC25 is present, then the other is required.</li> <li>12 If either POC26 or POC27 is present, then the other is required.</li> </ul>
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*DL*SH*RTY(DL-12)*LS*SO(DL-56a) [POC Loop may repeat]

	Ref.	Data	Data Element Summar	y	
	<u>Des.</u> Attributes	<u>Element</u>	Name		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters a	ssigned for differentiation within	а
			transaction set		
			"n" = nth assigned ID within	•	
М	POC02	670	Change or Response Typ		ID 2/2
			Code specifying the type of	U U	
			•	e All Values	
			the orig contain	er should replace the correspondi inal purchase order with the value ed in the Purchase Order Change ction Set	es
	POC08	235	Product/Service ID Quali	fier X	ID 2/2
			Product/Service ID (234)	ource of the descriptive number o	used in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a pre-	oduct or service	
			"DL"		
	POC10	235	Product/Service ID Quali	fier X	ID 2/2
			Product/Service ID (234) SH Service A nume	ource of the descriptive number of Requested eric or alphanumeric code from a s available to the customer	

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POC11	234	Product/Service ID	Χ	AN 1/48		
		Identifying number for a product or service				
		RTY(DL-12) = Record Type				
POC12	235	Product/Service ID Qualifier	Х	ID 2/2		
		Code identifying the type/source of the descriptive numb Product/Service ID (234)	ber u	sed in		
		LS Load Sequence				
POC13	234	Product/Service ID	Χ	AN 1/48		
		Identifying number for a product or service				
		SO(DL-56a) = Sequence Override				

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
•	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
Natas	
Notes:	SI*TI*LB*LACT(DL-10)
	SI*TI*LE*LTY(DL-13)
	SI*TI*TW*STYC(DL-15)
	SI*TI*BR*TOA(DL-16) SI*TI*DG*DOI(DL-17)
	SI*TI*DN*DIRNAME(DL-34) SI*TI*BO*BRO(DL-28)
	SI*TI*DU*HS(DL-26a)
	SI*TI*C3*HTN(DL-46b)
	SI*TI*C4*HNSTN(DL-46c)
	SI*TI*C5*FATN(DL-56c)
	SI*TI*C6*FANSTN(DL-56d)
	Data Element Summany

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

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an inde	ustry code list qualifying the type of se	rvice	•
			BO	Business/Residence Placement Ove	rride	
			BR	Directory Listings Type of Account		
			C3	Header Telephone Number		
			C4	Header Non-Standard Telephone Nu	ımbe	r
			C5	Sequence Telephone Number		
			C6	File After Non-Standard Telephone N	Jumb	ber
			DG	Degree of Indent		
			DN	Directory Book Name		
			DU	Directory Caption Header Status		
			LB	Listing Activity Indicator		

S103	234	LE TW <b>Product/Service</b> Identifying numbe	Listing Type Style <b>ID</b> r for a product or service	М	AN 1/48	
		LTY(DL-13) = ListSTYC(DL-15) = STOA(DL-16) = TypDOI(DL-17) = DegDIRNAME(DL-34)BRO(DL-28) = BuHS(DL-46a) = HetHTN(DL-46b) = HHNSTN(DL-46c) =FATN(DL-56c) = I	tyle Code be of Account gree of Indent ) = Directory Name isiness/Residence Placement Overrid	umbe		

Segment:	PID	Product/Item Des	scription		
Position:	0500				
Loop:	PID	Optional			
Level: Usage:	Detail Optional				
Max Use:	1				
Purpose:			ocess in coded or free-form format		
Syntax Notes:			n PID03 is required. or PID05 is required.		
			n PID03 is required.		
	4 If PI	D08 is present, the	n PID04 is required.		
			n PID05 is required.		
Semantic Notes:		g referred to.	the organization that publishes the coo	ie iis	st
			for industry-specific product descriptio	n	
	code				
			nysical characteristics of the product ic es that the specified attribute applies t		
			t does not apply. Any other value is	0 111	5
	inde	terminate.			
Comments:			fy the language being used in PID05. en PID05 is used. If PID01 equals "S",	thor	
Comments.			l equals "X", then both PID04 and PID		
	used	l.			
			ssary to refer to the product surface or	laye	er
		g described in the 07 specifies the ind	lividual code list of the agency specifie	ed in	
	PID	)3.			
Notes:		TI*AR***SO-RSQ*(			
		TI*AS***SO-RSQ*L TI*AT***SO-RSQ*A			
		TI*AW***SO-RSQ*			
		TI*AX***SO-RSQ*N			
		TI*AY***SO-RSQ*1 TI*BA***SO-RSQ*F			
		Data Element			
Ref.	Data				
	<u>Element</u>	<u>Name</u>			
Attributes M PID01	349	Item Description	Туре	м	ID 1/1
	010	•	ne format of a description		
		S	Structured (From Industry Code List	)	
PID03	559	Agency Qualifier	Code	X	ID 2/2
		Code identifying t	he agency assigning the code values		
		TI	Telecommunications Industry		
PID04	751	Product Descript		Х	AN 1/12
			dustry code list which provides specification	ic da	ta about a
		product character AR	Omit Telephone Number		
		AS	Listed Name Placement		
		AT	Address Indicator		
		AW	Direct Mail List		
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er RSQ Service Order	dentifier O le or text maintained by the	AN 1/15 Source
e Subqualifier rence that indicates the tab er RSQ Service Order	O le or text maintained by the	
ence that indicates the tab er RSQ Service Order	le or text maintained by the	
er RSQ Service Order		Source
	- Reseller Questions List	
o Condition or Response	Code O	ID 1/1
-		
(DL-41) = Omit TN (DWS: O-Omit) ank=(DWS: Blank-Do Not C (DL-44) = Letter Name Place (DWS: L-Letter Placement ank= (DWS: Blank-Default L-61) = Address Indicator (DWS: O-Omit in DA and c ank=(DWS: Blank-Do not o	Dmit) cement ) to Word Placement) lirectory)	
(DWS: O-Omit) ank=(DWS: Blank-Do not o (DL-27) = Telemarketing DWS: O-Omit from Telema ank=(DWS: Blank-Do not C (DL-26) = No Solicitation In	arketing) Dmit] ndicator	
i $N = 1$ a $(= 1$ a $D = 1$ a $(= 1$ a $D = 1$ a $(= 1$ a $(= 1)$ a $(=$	indicating a Yes or No cond N (DL-41) = Omit TN =(DWS: O-Omit) lank=(DWS: Blank-Do Not O (DL-44) = Letter Name Place =(DWS: L-Letter Placement lank= (DWS: Blank-Default DL-61) = Address Indicator =(DWS: O-Omit in DA and o lank=(DWS: Blank-Do not o (DL-25) = Direct Mail List =(DWS: O-Omit) Blank=(DWS: Blank-Do not o (DL-27) = Telemarketing =(DWS: O-Omit from Telema lank=(DWS: Blank-Do not O (DL-26) = No Solicitation In	<pre>indicating a Yes or No condition or response N (DL-41) = Omit TN =(DWS: O-Omit) lank=(DWS: Blank-Do Not Omit) (DL-44) = Letter Name Placement =(DWS: L-Letter Placement) lank= (DWS: Blank-Default to Word Placement) DL-61) = Address Indicator =(DWS: O-Omit in DA and directory) lank=(DWS: Blank-Do not omit) (DL-25) = Direct Mail List =(DWS: O-Omit) Blank=(DWS: Blank-Do not omit]</pre>

Segment:	<b>REF</b> Reference Identification
Position:	1000
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> </ol>
	<b>2</b> If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes: Comments:	<b>1</b> REF04 contains data relating to the value cited in REF02.
Notes:	REF*LI*ALI(DL-11)
	Data Element Summary
Ref.	Data
Des.	Element Name

<u>Des.</u> <u>Attributes</u>	Element	Name		
REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		LI Line Item Identifier (Seller's)		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
		ALI(DL-11) = Alpha/Numeric Listing Identifier		

Segment:	N9 Reference Identification
Position:	3200
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.
	<b>3</b> 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*82*PLA

		Data Element S	Summary		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N901	128	<b>Reference Identi</b>	fication Qualifier	Μ	ID 2/3
		Code qualifying th	e Reference Identification		
		82	Data Item Description (DID) Referen	ce	
			Specific data elements that the gove a contractor to provide and are spelle specific requirement documents		
N902	127	<b>Reference Identit</b>	lication	Х	AN 1/30
			ation as defined for a particular Transa reference Identification Qualifier	ction	Set or as
		"PLA"			

Segment:	MTX Text		
Position:	3260		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before then MTX05 is required.</li> </ol>	) pri	nt",
Notes:	MTX**PLA(DL-55)		
10103.			
	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 PLA(DL-55) = Place Listing As

Segment:	N9 Reference Identification
Position:	3200
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.
	<b>3</b> 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*82*LTXTY*LTXTY(DL-57)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

<u>Attributes</u>			
N901	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identif	ication
		82 Data Item Descrip	tion (DID) Reference
		•	nents that the government will ask wide and are spelled out in ent documents
N902	127	Reference Identification	X AN 1/30
		Reference information as defined for a specified by the Reference Identificat "LTXTY"	•
N903	369	Free-form Description	X AN 1/45
		Free-form descriptive text	
		LTXTY(DL-57) = Listing Text Type	

Segment:	MTX Text		
Position:	3260		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before</li> </ol>	; prir	nt",
	then MTX05 is required.		
Notes:	MTX**LTEXT(DL-59)		
	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

LTEXT(DL-59) = Line of Text

Updated: March 11, 2002

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	-
Notes:	N9*82*FAINFO
	Data Element Summary
Ref.	Data Element Name
Des.	Element Name

Attribute		Manio			
N901	128	<b>Reference Identif</b>	ication Qualifier	Μ	ID 2/3
		Code qualifying th	e Reference Identification		
		82	Data Item Description (DID) Referen	nce	
			Specific data elements that the gove a contractor to provide and are spell specific requirement documents		
N902	127	<b>Reference Identif</b>	ication	Х	AN 1/30
			tion as defined for a particular Transa eference Identification Qualifier	action	Set or as
		"FAINFO"			

Segment:	MT)	Text		
Position:	3260			
Loop:	N9	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	FX01 is present, then MTX02 is required.		
•		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		(05 is the number of lines to advance before printing.		
Comments:		ΓX04 is "AA - Advance the specific number of lines bef	ore pri	nt"
eenmente.		MTX05 is required.	oro pri	, , , , , , , , , , , , , , , , , , ,
Notes:		AINFO(DL-56b)		
10103.				
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

FAINFO(DL-56b) = File After Information

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*H7*ORI*DL
	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		
		H7 Standard Clause		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Tra specified by the Reference Identification Qualifier ORI Order Instructions	ansactior	Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"DL"		

Segment:	MTX Text		
Position:	3260		
Loop:	N9 Optiona		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textu	al data	
Syntax Notes:		present, then MTX02 is required.	
•		present, then MTX02 is required.	
		present, then MTX04 is required.	
Semantic Notes:		e number of lines to advance before printing.	
Comments:		"AA - Advance the specific number of lines before p	orint"
commente.		is required.	,
Notes:	MTX**REMARK	•	
10103.		(DE 113)	
Ref.	Data Data	a Element Summary	
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Messa	ige Text >	( AN 1/4096
	To trar	nsmit large volumes of message text	

REMARKS(DL-113) = Remarks

Segment:	<b>N9</b> F	Reference Identification		
Position:	3200			
Loop:	N9	Optional		
Level:	Detail			
Usage:	Optiona			
Max Use:	1			
Purpose:		mit identifying information as specified by the Reference ation Qualifier		
Syntax Notes:	1 At le	ast one of N902 or N903 is required.		
•	2 If NS	906 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is require	red.	
		her C04005 or C04006 is present, then the other is requi		
Semantic Notes:		6 reflects the time zone which the time reflects.		
	<b>2</b> N90	7 contains data relating to the value cited in N902.		
Comments:		5		
Notes:	N9*82*H	IADDR		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
I N901	128	Reference Identification Qualifier	М	ID 2/3

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier

Data Item Description (DID) Reference

specific requirement documents

Reference information as defined for a particular Transaction Set or as

Specific data elements that the government will ask a contractor to provide and are spelled out in

Х

AN 1/30

82

"HADDR"

**Reference Identification** 

Μ

N902

127

Segment:	MTX Text		
Position:	3260		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before	) prii	nt",
	then MTX05 is required.		
Notes:	MTX**HADDR(DL-46d)		
	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 HADDR(DL-46d) = Header Address

Segment:	N1 Name
Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*DH*LISTINGS

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name			
N101	98	Entity Identifier	Code	Μ	ID 2/3
		Code identifying a or an individual DH	an organizational entity, a physical loca Doing Business As	tion,	property
N102	93	Name		Χ	AN 1/60
		Free-form name			
		"LISTINGS"			

## IN2 Individual Name Structure Components

Segment:	IN2 Individual Name Structure Components
Position:	3550
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To sequence individual name components for maximum specificity
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	IN2*01*TITLE1(DL-49)*TITLE1

IN2\*01\*TITLE1D(DL-52)\*TITLE1D IN2\*02\*LNFN(DL-46)\*LNFN(DL-46) IN2\*05\*LNLN(DL-45) IN2\*10\*TL(DL-48)\*TL IN2\*10\*TLD(DL-51)\*TLD IN2\*12\*DESD(DL-50a)\*DESD IN2\*18\*NICK(DL-54) IN2\*21\*DES(DL-47)

## **Data Element Summary**

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	IN201	1104	Name Compone	ent Qualifier	М	ID 2/2
			Code identifying 01 02 05 10	the type of name component Prefix First Name Last Name Generation		
			12 18 21	Combined (Unstructured) Name Preferred First Name or Nickname Professional Title		
М	IN202	93	Name		Μ	AN 1/60
			TITLE1D(DL-52) LNFN(DL-46) = LNLN(DL-45) = TL(DL-48) = Title TLD(DL-51) = Title DESD(DL-50a) = NICK(DL-54) = N DES(DL-47) = D	tle of Lineage for Dual Name Designation for Dual Name lickname		
	IN203	93	Name Free-form name		0	AN 1/60
			LNFN(DL-46) = "TITLE1" "TITLE1D" "TL" "TLD" "DESD"	Listed Name First		

Segment:	N4 o	Beographic Location	
Position:	3700		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To spec	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	107 is present, then N404 is required.	
Semantic Notes:			
Comments:		mbination of either N401 through N404, or N405 and N406 n	nay
		dequate to specify a location.	
Neree		2 is required only if city name (N401) is in the U.S. or Canada	a.
Notes:	N4 <sup>^</sup> LAS	ST(DL-71)	
		Data Element Summary	
Ref.	Data	Data Element Guinnary	
Des.	Element	Name	
Attributes		<u></u>	
N402	156	State or Province Code X	ID 2/2
		Code (Standard State/Province) as defined by appropriate gagency	government
		LAST(DL-71) = Listed Address State/Province	

Segment:	NX2 Location ID Component
Position:	3750
Loop:	N1 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*LANO(DL-63)
	NX2*02*LASN(DL-66)
	NX2*03*LASD(DL-65)
	NX2*07*LALOC(DL-70)
	NX2*18*LALO(DL-69)

NX2\*03\*LASD(DL-65) NX2\*07\*LALOC(DL-70) NX2\*18\*LALO(DL-69) NX2\*40\*LASS(DL-68) NX2\*59\*LAPR(DL-62) NX2\*61\*LASF(DL-64) NX2\*62\*LATH(DL-67)

## **Data Element Summary**

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>		,		
Μ	NX201	1106	Address Compor	nent Qualifier	М	ID 2/2
			Code qualifying th	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Information	tion	М	AN 1/55
			Address information	on		
			LASN $(DL-66) = L$ LASD $(DL-65) = L$ LALOC $(DL-70) =$ LALO $(DL-69) = L$ LASS $(DL-68) = L$ LAPR $(DL-62) = L$ LASF $(DL-64) = L$	isted Address Number isted Address Street Name isted Address Street Directional Prefix Listed Address Locality Listed Address Location isted Address Street Directional Suffix isted Address Number Prefix sted Address Number Suffix isted Address Street Type		

Segment:	SI Service Characteristic Identification
Position:	3860
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*TN*LTN (DL-39)
	SI*TI*NS*NSTN (DL-40)

## Data Element Summary

			Data Element Su	mmary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier Co	ode	Μ	ID 2/2
			Code identifying the	agency assigning the code values		
			ті т	elecommunications Industry		
М	SI02	1000	Service Characteris	stics Qualifier	Μ	AN 2/2
			Code from an indust characteristics	ry code list qualifying the type of se	rvice	
			NS N	Ion-Standard Telephone Number		
			TN T	elephone Number		
М	SI03	234	<b>Product/Service ID</b>		Μ	AN 1/48
			Identifying number for	or a product or service		
			· · · · ·	d Telephone Number n Standard Telephone Number		
				•		

Segment:	SLN	Subline Item Detail		
Position:	4600			
Loop:	SLN	Optional		
Level:	Detail	optional		
Usage:	Optional			
Max Use:	1			
Purpose:	To speci	fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is require	ed.	
	2 If SL	N07 is present, then SLN06 is required.		
		N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is require		
		her SLN11 or SLN12 is present, then the other is require		
		her SLN13 or SLN14 is present, then the other is require		
		her SLN15 or SLN16 is present, then the other is require		
		her SLN17 or SLN18 is present, then the other is require her SLN19 or SLN20 is present, then the other is require		
		her SLN21 or SLN22 is present, then the other is require		
		her SLN23 or SLN24 is present, then the other is require		
		her SLN25 or SLN26 is present, then the other is require		
		her SLN27 or SLN28 is present, then the other is require		
Semantic Notes:		01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The su		
		is analogous to the level code used in a bill of materials		
		03 is the configuration code indicating the relationship of	the	
		ne item to the baseline item.		4-
		08 is a code indicating the relationship of the price or an associated segment.	iouni	10
Comments:		the Data Element Dictionary for a complete list of IDs.		
oonnients.		01 is related to (but not necessarily equivalent to) the ba	seline	<del>a</del>
		number. Example: 1.1 or 1A might be used as a subline		
		late to baseline number 1.		
		09 through SLN28 provide for ten different product/service		
		ach item. For example: Case, Color, Drawing No., U.P.C	). No.	••
<b>N</b> <i>i</i>		I No., Model No., or SKU.		•
Notes:	SLN"CA	PTION*n*A*1*EA****LS*SO (DL-77) [SLN Loop may r	epeat	J
		Data Element Summary		
Ref.	Data	Data Liement Summary		
Des.	Element	Name		
Attributes				
SLN01	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation wi	thin a	l
		transaction set		
		"CAPTION"		
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wi	thin a	t
		transaction set		
		"n" = nth assigned ID within SLN loop		
M SLN03	662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities		
		A Add		
01.1/0.1			v	-

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Numeric value of quantity

X R 1/15

Quantity

380

Μ

Μ

SLN04

			1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figure examples of use)	s Appe	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being example a manner in which a measurement has been taken EA Each	xpresse	ed, or
	SLN09	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive nu Product/Service ID (234) LS Load Sequence	umber u	ised in
	SLN10	234	Product/Service ID Identifying number for a product or service	Х	AN 1/48
			SO(DL-77) = Sequence Override		

	_	<b>SI</b> .								
	Segment:		rvice Characteris	tic Identification						
	Position:	4700 SLN Optional								
	Loop: Level:	SLN Optional Detail								
	Usage:	Optional								
	Max Use:	>1								
-	Purpose:		To specify service characteristic data							
Sy	ntax Notes:			present, then the other is required. present, then the other is required.						
				present, then the other is required.						
				present, then the other is required.						
				present, then the other is required.						
				present, then the other is required.						
				present, then the other is required. present, then the other is required.						
				present, then the other is required.						
	ntic Notes:									
	Comments:		ifiers.	e for each of the service characteristic	S					
	Notes:	SI*TI*DO	G*LVL (DL-73)							
			J*PLS (DL-74)							
			5*FATN (DL-79) 3*PLTN (DL-76)							
			I*PLNSTN (DL-76a	a)						
			S*FANSTN (DL-79a	,						
			Data Element	Summary						
	Ref.	Data		Summary						
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>		Summary						
М	Des.				м	ID 2/2				
М	<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name Agency Qualifier Code identifying t	• <b>Code</b> he agency assigning the code values	м	ID 2/2				
М	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying t TI	• <b>Code</b> he agency assigning the code values Telecommunications Industry	М					
M	<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name Agency Qualifier Code identifying t TI Service Characte	• Code he agency assigning the code values Telecommunications Industry eristics Qualifier	М	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying the TI Service Characte Code from an inde	• <b>Code</b> he agency assigning the code values Telecommunications Industry	М	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying the TI Service Characte Code from an inde characteristics	Code he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se	М	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying the TI Service Character Code from an inde characteristics C3	• <b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number	M	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying the TI Service Character Code from an inder characteristics C3 C4	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu	M	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying the TI Service Character Code from an inde characteristics C3	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number	<b>M</b> rvice umbe	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying ti TI Service Characte Code from an inde characteristics C3 C4 C5	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu	<b>M</b> rvice umbe	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Character Code from an induction characteristics C3 C4 C5 C6	<b>Code</b> he agency assigning the code values Telecommunications Industry <b>eristics Qualifier</b> ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number File After Non-Standard Telephone I	<b>M</b> rvice umbe	AN 2/2				
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying ti TI Service Character Code from an inde characteristics C3 C4 C5 C6 DG	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number File After Non-Standard Telephone I Degree of Indent Directory Caption Header Status	<b>M</b> rvice umbe	AN 2/2				
М	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying the TI Service Character Code from an induction characteristics C3 C4 C5 C6 DG DU Product/Service	<b>Code</b> he agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Header Telephone Number Header Non-Standard Telephone Nu Sequence Telephone Number File After Non-Standard Telephone I Degree of Indent Directory Caption Header Status	<b>M</b> ervice umbe	AN 2/2				
М	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying ti TI Service Character Code from an induction characteristics C3 C4 C5 C6 DG DU Product/Service Identifying number LVL(DL-73) = Lev	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>er for a product or service</li> </ul>	<b>M</b> ervice umbe	AN 2/2				
Μ	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying ti TI Service Characte Code from an induction characteristics C3 C4 C5 C6 DG DU Product/Service Identifying number LVL(DL-73) = Lev PLS(DL-74) = Prior	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Nu</li> <li>Sequence Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>r for a product or service</li> <li>rel of Indent</li> <li>or Level Status</li> </ul>	<b>M</b> ervice umbe	AN 2/2				
Μ	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying the TI Service Character Code from an induction characteristics C3 C4 C5 C6 DG DU Product/Service Identifying number LVL(DL-73) = Lev PLS(DL-74) = Prior FATN(DL-79) = Frief	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Nu</li> <li>Sequence Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>er for a product or service</li> <li>rel of Indent</li> <li>or Level Status</li> <li>File After Telephone Number</li> </ul>	<b>M</b> ervice umbe	AN 2/2				
М	<u>Des.</u> <u>Attributes</u> SI01 SI02	Element 559 1000	Name Agency Qualifier Code identifying the TI Service Character Code from an inder characteristics C3 C4 C5 C6 DG DU Product/Service Identifying number LVL(DL-73) = Lev PLS(DL-74) = Prior FATN(DL-76) = F PLNSTN(DL-76a)	<ul> <li>Code</li> <li>he agency assigning the code values Telecommunications Industry</li> <li>eristics Qualifier</li> <li>ustry code list qualifying the type of set</li> <li>Header Telephone Number</li> <li>Header Non-Standard Telephone Nu</li> <li>Sequence Telephone Number</li> <li>File After Non-Standard Telephone I</li> <li>Degree of Indent</li> <li>Directory Caption Header Status</li> <li>ID</li> <li>r for a product or service</li> <li>rel of Indent</li> <li>or Level Status</li> </ul>	M prvice umbe Numb M	AN 2/2 er Der AN 1/48				

Segment:	N9 Reference Identification
Position:	5230
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	, and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s
Notes:	N9*82*FAINFO
Ref. Des.	Data Element Summary Data Element Name

<u>Des.</u> Attributes	<u>Element</u>	Name			
N901	128	Reference Ident	ification Qualifier	М	ID 2/3
		Code qualifying t	he Reference Identification		
		82	Data Item Description (DID) Refere	nce	
			Specific data elements that the gov a contractor to provide and are spe specific requirement documents		
N902	127	Reference Ident	ification	Х	AN 1/30
			ation as defined for a particular Trans Reference Identification Qualifier	actior	) Set or as
		"FAINFO"			

Μ

Segment:	MTX	Text			
Position:	5250				
Loop:		Optional			
Level:	Detail	- F			
Usage:	Optional				
Max Use:	>1				
Purpose:	To speci	fy textual data			
Syntax Notes:	•	FX01 is present, then MTX02 is required.			
ey max neteer		TX03 is present, then MTX02 is required.			
		TX05 is present, then MTX04 is required.			
Semantic Notes:		105 is the number of lines to advance before printing.			
Comments:			o nriv	<b>`</b>	
comments.		TX04 is "AA - Advance the specific number of lines before print", n MTX05 is required.			
Notes:					
140165.	MTX**FAINFO(DL-78)				
		Data Element Summary			
Ref.	Data	Data Element Summary			
		Nome			
Des.	<u>Element</u>	Name			
Attributes	4554	M	v		
MTX02	1551	Message Text	Х	AN 1/4096	
		To transmit large volumes of message text			

FAINFO(DL-78) = File After Information

Segment:	N9 Reference Identification			
Position:	5230			
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.			
	<b>3</b> 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*82*PLINFO			
	Data Element Summary			
Ref.	Data			

<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
N901	128	<b>Reference Ident</b>	ification Qualifier	Μ	ID 2/3
		Code qualifying the	he Reference Identification		
		82	Data Item Description (DID) Refere	nce	
		Specific data elements that the government will a contractor to provide and are spelled out in specific requirement documents			
N902	127	Reference Ident	ification	Х	AN 1/30
		Reference information as defined for a particular Transaction Set specified by the Reference Identification Qualifier			Set or as
		"PLINFO"			

Μ

Segment:	MTX Text			
Position:	5250			
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:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>			
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print",			
	then MTX05 is required.			
Notes:	MTX**PLINFO(DL-75)			
	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 PLINFO(DL-75) = Prior Level Information

Segment:	СТТ	- Transaction Totals		
Position:	0100			
Loop:	CTT	Optional		
Level:	Summar	у		
Usage:	Optional			
Max Use:	1			
Purpose:		mit a hash total for a specific element in the transaction s		
Syntax Notes:		her CTT03 or CTT04 is present, then the other is required		
	2 If eit	her CTT05 or CTT06 is present, then the other is required	J.	
Semantic Notes:				
Comments:		segment is intended to provide hash totals to validate saction completeness and correctness.		
Notes:		mber of POC Segments		
10100.				
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
M CTT01	354	Number of Line Items	Μ	N0 1/6

Total number of line items in the transaction set

М

	Segment:	SE 1	ransaction Set Trailer		
	Position: Loop:	0300			
	Level: Usage:	Summar Mandato	•		
	Max Use: Purpose:	1 To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE)			
Sema	ntax Notes: Intic Notes: Comments: Notes:	segments) 1 SE is the last segment of each transaction set. SE*Number of Segments*TRAN SET CONTROL #			
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
М	SE01	96	Number of Included SegmentsMTotal number of segments included in a transaction set includedand SE segments	<b>N0 1/10</b> uding ST	
м	SE02	329	Transaction Set Control NumberMIdentifying control number that must be unique within the tra set functional group assigned by the originator for a transact		