# Public Access Line Ordering - PSP Table of Contents

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# 30. PAL - PSP

# 30.1 Business Description

This product allows a Payphone Service Provider (PSP) to electronically submit a Public Access Line (PAL) service request.

There are two types of PAL services that a CLEC or PSP will be able to request from Qwest.

• "Smart" PAL

A Smart PAL line is connected to a dumb phone (a phone that does not have a microprocessor to handle coin operations). A Qwest switch performs all the "coin" functionality so that the CLEC or PSP will not need to purchase additional equipment. Coin Control, Operator Coin Control, Automated Coin Toll Services and Unique Coin Announcements are integral parts of the access line.

"Basic" PAL

A basic PAL line is a dumb line connected to a smart phone. The smart phone contains a microprocessor that is programmed to do all the coin collection and return, call billing and routing.

The following forms will be used between Qwest and the CLEC for External PAL ordering purposes:

- LSR Local Service Request
- EU End User Information
- RS Resale Service Form
- DL Directory Listing

The following Order Activity Matrices define the available Order and/or Line Activities for External PAL.

#### Business Rules for Combining Order, Line, and/or Listing Activity

#### for ternal PAI

# External PAL

<u>O</u>	rder Acti	vity Definition			
Req Type	AC T	Definition	Application	LNA	Forms required
EB	N	New Installation	New Resale Service at premises.	N	LSR, EU, RS, DL
	D	Disconnect	Disconnect all services at the account level with transfer of calls	D	LSR, EU, RS
			Disconnect all services at the account level with no transfer of calls	Not Applicable	LSR, EU
	W	Conversion As Is	Change LSP with no change to product or service or Directory Listing	W	LSR, EU
	V	Conversion As Specified	Change LSP with changes to PAL service or Directory Listing	V, N, C	LSR, EU, RS, DL

Z	Conversion	Change LSP with change to PAL	V, N, C	LSR, EU, RS
	As	service and no change to Directory		
	Specified,	Listing		
	No Directory			
	Listing			
С	Change	Change to existing service,	C, X, P, D	LSR, EU, RS, DL (if
		add/remove features, change type		changing listings)
		of service, (e.g., Flat to Measured,		
		one-way to two-way, change type		
		of blocking etc.), add/remove		
		line(s) to existing service/account,		
		PIC/LPIC change,		
		change/add/remove Directory		
		Listing, change billing information,		
		change telephone number		
Т	Outside	Outside move of an existing end	N	LSR, EU, RS, DL (if
	Move	user location.		changing listings)
L	Seasonal	Seasonal Suspend of an end user		
	Suspend	service who has elected temporary		
		interruption of service		
		Suspend at Account Level	Not Applicable	LSR, EU
		Suspend at Line Level	L	LSR, EU, RS
				(Resale Service
				Form is optional)
Y	Deny	Denial of an end user service	Not Applicable	LSR, EU
В	Restore	Restore of an end user service that		
		was previously denied or seasonal		
		suspend		
		Restore at Account	Not Applicable	LSR, EU
		Restore at Line Level	L	LSR, EU, RS
R	Record	Not Allowed	Not Applicable	
Μ	Inside Move	Not Allowed	Not Applicable	

#### Line Activities

LNA	Definition	Application
N	New Line.	New line at premises.
D	Line Disconnect.	Disconnect line Resale - FA (Feature Activity) is used to delete lines and features and include
V	Line Conversion As Specified	<ul> <li>applicable charges (i.e. transfer of calls).</li> <li>Change LSP with changes to line or Directory Listing</li> <li>All fields on the Resale Form must be specified. Resale - FA must specify 'Conversion to LSP' (FA = V), 'New feature or charge' (FA = N), or 'Feature change' (FA = C).</li> </ul>
С	Change	A change to a line with only the changed fields populated. Resale - FA can be 'Add/Install' (FA = N), ' Change Old' (FA = C), ' Disconnect' (FA = D), or ' Change New' (FA =' T'). If USOC changes, use FA = N & D. If the USOC is staying the same and FID or FID Detail is changing, use FA = C & T. D = Line Disconnect. Resale – FA (Feature Activity) is used to delete lines and features and include applicable charges (i.e. transfer of calls).
X	Phone Number Change	This LNA should only be used for Number Changes without any other activity. FA entries would not be appropriate. If Number Changes occur with other activity, an LNA=C should be used.
Р	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.
	Seasonal Suspend	Seasonal Suspend of an end user line who has elected temporary interruption of service. Resale - FA (Feature Activity) may be included if charges are applicable.
All other LNA		Not Allowed

#### 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 and
	existing	the listing name and text information to ensure
	listing	the correct listing is deleted. A main listing cannot be deleted.
I	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	Change activity is only valid if the person or
	existing	business and book are staying the same, and
	listing (old	just the details of the listing are changing.
	data)	Otherwise, a delete and new must be used.
		Must have both an 'l' 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 'l' is required.
Z	No change to	Only allowed on a conversion as specified
2	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.

# 30.2 Business Model

See Appendix H

# 30.3 Developer Worksheets

See Appendices B and C – Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
PAL-PSP Resale Request	850PALPSP
PAL-PSP Resale Supplemental	860PALPSP
Status Update – Auto Push	855SU
Firm Order Confirmation	855FOC
Firm Order Confirmation for 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

# 30.4 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.

# 30.4.1 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.

## 30.4.2 ISA TABLE INFORMATION

#### ANSI X12 ISA and IEA definitions:

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

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

	SENT TO Qwest	RECEIVED FROM Qwest	
ISA01	'00' (No Authorization information present)	'00' (No Authorization information present)	
ISA02	Spaces (Authorization information)	Spaces (Authorization information)	
ISA03	<b>'00'</b> (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	'ZZ' (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	'ZZ' (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	Time of the interchange. HHMM (24 Hour Clock)	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	'00402' (Interchange Version ID)	'00402' (Interchange Version ID)	
ISA13	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number	
ISA14	<b>'0'</b> (No acknowledgment requested)	<b>'0'</b> (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)	

## 30.4.3 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	"004020" (Version)	'004020' (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	850PALPSP	PO	Co-Provider TP ID	PALPSP90
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	860PALPSP	PC	Co-Provider TP ID	PALPSP90
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	COMP90	Co-Provider TP ID

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

## 30.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS

## Purchase Order (PO) Date

The Purchase Order (PO) Date is an ANSI ASC X12 mandatory field. The sender is expected to populate this field; however, Qwest will not map this date into the application file. For outbound transactions Qwest will populate this field with a date. This date is only used to satisfy ANSI ASC X12 standards and should not be used by the Co-Provider.

#### Time Code

The Developer Worksheet time code fields of every transaction (i.e., D/T SENT) is assumed as follows:

- Transaction set(s) originating from the Co-Provider time code should be consistent with your time zone.
- Transaction set(s) originating at Qwest time code is Mountain Time.

#### 4020 Exceptions

Transaction sets 850, 855, 860 and 865 are used with the following exception:

• SLN loop maximum use has been changed to >1

#### Delimiters

The following delimiters will be used:

- Element Separator: HEX 7C = | (vertical bar or pipe)
- Sub-Element Separator: HEX 1F = (non-printable characters of "0x1f")
- Segment Separator: HEX 0A = linefeed

#### 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
Resale	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

# 30.5 Mapping Examples

30.5.1 850 Payphone Service Provider Service Request (850PALPSP) – Version 4020

Legend of Symbols in this transaction example

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

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\***EAN**<sup>EU-40</sup>\*EAN ST\*850\*TRAN SET CONTROL # REF\*AO\***APT CON**LSR-15a REF\*JB\***PROJECT**LSR-20 REF\*SU\***RTR**LSR-28\*RTR REF\*CO\***RPON**<sup>LSR-51</sup>\*RPON REF\*1V\***RORD**<sup>LSR-52</sup>\*RORD REF\*12\***BAN1**<sup>LSR-61</sup>\*BAN1 REF\*OW\*ORDRE-6\*ORD PAM\*48\***PG\_of**\_LSR-10(1<sup>st</sup> 2 Bytes)\*EA PAM\*47\***PG\_of**\_LSR-10(2<sup>nd</sup> 2 Bytes)\*EA PAM\*KC\***DQTY**EU-5\*EA PAM\*QO\***RSQTY**<sup>RE-5</sup>\*EA PAM\*BH\*DDQTYDL-23\*EA [If this segment appears then  $EXP^{LSR-26} = "Y"$ ] SAC\*N\*\*TI\*EXP SAC\*N\*\*TI\*VT\*\*\*\*\*\*\*\*\*\*\* DTM\*097\***D/TSENT**{CCYYMMDD}<sup>LSR-12</sup>\***D/TSENT**{HHMM}<sup>LSR-12</sup> DTM\*150\***DDD**{CCYYMMDD}<sup>LSR-14</sup>\*\*\*TM/RTM\***APPTIME**{HHMM[-HHMM]}<sup>LSR-15</sup> DTM\*151\***DDDO**{CCYYMMDD}<sup>LSR-16</sup> DTM\*270\***DATCCCYYMMDD**}<sup>LSR-36</sup> DTM\*270\***DATED**{CCYYMMDD} DTM\*992\*\*\*\*TM\***DFDT**{HHMM}<sup>LSR-19</sup> SI\*TI\*RE\***REQTYP**LSR-2

SI\*TI\*AA\*<u>ACT</u>LSR-24 SI\*TI\*LS\**LSO*<sup>LSR-43</sup> SI\*TI\*TY\***TOS**LSR-44 SI\*TI\*IW\*IWOEU-36 SI\*TI\*ZT\* **TEST**LSR-22a PID\*S\*\*TI\*AH\*\*\*SO-RSQ\*CHCLSR-22 PID\*S\*\*TI\*PENDING \*\*\*SO-RSQ\* PENDING ORDER PID\*S\*\*TI\*AO\*\*\*SO-RSQ\*AGAUTH N9\*H7\*ORI\* RESALE\*\*\*\*2W>MANUAL INDRE-60b MTX\*\***REMARKS**RE-60a N9\*H7\*ORI\*LSR\*\*\*\*2W>MANUAL INDLSR-108a MTX\*\***REMARKS**LSR-108 N9\*H7\*ORI\* EU\*\*\*\*2W>**MANUAL IND**<sup>EU-63a</sup> MTX\*\***REMARKS**<sup>EU-63</sup> 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*<sup>LSR-93</sup> PER\*AL\*ALT IMPCON<sup>LSR-94</sup>\*TE\*TEL NO<sup>LSR-95</sup>\*BN\*PAGER<sup>LSR-96</sup> N1\*X1\*PAL PSP BILLING REF\*SY\***SSN**EU-53 PER\*BI\* BILLCONEU-51\*TE\* TEL NOEU-52 N1\*BY\*\*25\*CCLSR-29

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

PO1\*n\*1\*EA\*\*\*ZZ\*EU\_SA [PO1 Loop may repeat] SI\*TI\*OP\*WSOPEU-31\*TN\*WSOP TEL NOEU-31a PID\*S\*\*TI\*ANV\*\*\*SO-RSQ\*ANVEU-8a REF\*IX\* LOCNUM N9\*L1\*ACC\**EU* MTX\*\***ACC**<sup>EU-30</sup> N9\*H7\*LOC\*AAI MTX\*\***AAI**<sup>EU-23</sup> N1\*IT\***NAME**EU-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\**CITY*<sup>EU-24</sup> 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\*<u>LD1</u><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>EU-21\*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>

### End User Form (Disconnect Information Section)

PO1\*n\*1\*EA\*\*\*ZZ\*EU\_DISC

[PO1 Loop may repeat]

#### Updated: January 21, 2002

N1\*DA\**DELNAME* N4\*\***STATE<sup>DL-99</sup>\*ZIP**<sup>DL-100</sup> NX2\*01\***DDAN0**<sup>DL-85</sup>

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

NX2\*02\***DDASN**<sup>DL-88</sup> NX2\*03\***DDASD**<sup>DL-87</sup> NX2\*07\***CITY**<sup>DL-98</sup> NX2\*18\***DDALO**<sup>DL-90a</sup>

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

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REF\*AE\***SAN**RE-26 DTM\*376\***TC PER**{CCYYMMDD}<sup>RE-40</sup> N1\*P9\*\*41\***PIC**<sup>RE-30</sup> N1\*8V\*\*41\***LPIC**<sup>RE-31</sup> SLN\**TCPRI*\*n\*A\*1\*EA SI\*TI\*TC\***TC TO PRI**<sup>RE-38</sup> N1\*TT\* TC NAMERE-38b REF\*55\* TCIDRE-38a\* PRI SLN\*TCSEC\*n\*A\*1\*EA [SLN Loop may repeat] SI\*TI\*TC\***TC TO SEC**RE-39 N1\*TT\* TC NAME<sup>RE-42</sup> REF\*55\***TCID**<sup>RE-41</sup>\*SEC SLN\*/*W*\*n\*A\**IWJQ*<sup>RE-49</sup>\*EA\*\*\*\*EQ\**IWJK*<sup>RE-48</sup> [SLN Loop may repeat per Inside Wiring pair] SLN\**BL*\*n\*A\*1\*EA SI\*TI\*BB\***BA**<sup>RE-54</sup>\*TB\***BLOCK**<sup>RE-55</sup> SLN\**FA*\*n\*A\*1\*EA [SLN Loop may repeat per FA/FEATURE pair] SI\*TI\*SA\*<u>FA</u>RE-58\*SC\*FEATURE SI\*TI\*FD\*FEATURE DETAIL [SI Segment may repeat.]

DL Form (Delivery Address/Information Section)

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

SI\*TI\*ND\**DISC NBR*<sup>EU-55</sup> SI\*TI\*T6\**TC OPT*<sup>EU-57</sup> REF\*IX\* *DNUM*<sup>EU-54</sup>\* *DNUM* DTM\*376\**TC PER*{CCYYMMDD}<sup>EU-62</sup> SLN\**TCPRI*\*n\*A\*1\*EA SI\*TI\*TC\**TC TO PR*<sup>EU-58</sup> N1\*TT\**TC NAME*<sup>EU-58b</sup> REF\*55\**TCID*<sup>EU-58a</sup>\* *PRI* SLN\**TCSEC*\*n\*A\*1\*EA SI\*TI\*TC\**TC TO SEC*<sup>EU-59</sup> N1\*TT\**TC NAME*<sup>EU-61</sup> REF\*55\**TCID*<sup>EU-601</sup>\* *SEC* 

P01\*n\*1\*EA\*\*\*ZZ\* *RE* SI\*TI\*SA\**LNA*<sup>RE-12</sup> SI\*TI\*TN\**TNS*<sup>RE-15</sup> SI\*TI\*OT\**OTN*<sup>RE-19</sup> SI\*TI\*T6\**TC OPT*<sup>RE-35</sup> SI\*TI\*LZ\**LSCP*<sup>RE-53</sup> SI\*TI\*NQ\**NPI*<sup>RE-11</sup> REF \*1X\**LNUM*<sup>RE-9</sup>\**LNUM*  [SLN Loop may repeat]

[PO1 Loop repeats **RSQTY**<sup>RE-5</sup> times]

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

PO1\*n\*1\*EA\*\*\*ZZ\*DL\*SH\* $RTY^{DL-12}$ SI\*TI\*LB\* $LACT^{DL-10}$ SI\*TI\*LE\**LTY*<sup>DL-13</sup> SI\*TI\*TW\***STYC**<sup>DL-15</sup> SI\*TI\*BR\*TOA SI\*TI\*DG\***DOI**DL-17 SI\*TI\*DN\**DIRNAME*DL-34 SI\*TI\*BO\*BRODL-28 PID\*S\*\*TI\*AR\*\*\*SO-RSQ\* PID\*S\*\*TI\*AS\*\*\*SO-RSQ\* PID\*S\*\*TI\*AT\*\*\*SO-RSQ\* PID\*S\*\*TI\*AW\*\*\*SO-RSQ\*DML PID\*S\*\*TI\*AX\*\*\*SO-RSQ\***NOSL**<sup>DL-26</sup> PID\*S\*\*TI\*AY\*\*\*SO-RSQ\*<u>TMKT</u><sup>DL-27</sup> PID\*S\*\*TI\*BA\*\*\*SO-RSQ\***PROF**DL-32 REF\*LI\***ALI**PL-11 N9\*82\*PLA MTX\*\***PLA**DL-55 N9\*82\*LTXTY\*LTXTY<sup>DL-57</sup> MTX\*\**LTEXT*<sup>DL-59</sup> N9\*H7\*ORI\*DL MTX\*\***REMARKS**DL-113 N1\*DH\*LISTINGS IN2\*05\**LNLN*<sup>DL-45</sup> IN2\*02\**LNFN*<sup>DL-46</sup>\**LNFN*<sup>DL-46</sup> IN2\*21\***DES**<sup>DL-47</sup> IN2\*10\**TL*<sup>DL-48</sup>\**TL* IN2\*01\*TITLE1 IN2\*18\**NICK*<sup>DL-54</sup> IN2\*12\**DESD*<sup>DL-50a</sup>\**DESD* IN2\*10\**TLD*<sup>DL-51</sup> \**TLD* IN2\*01\**TITLE1D*<sup>DL-52</sup> \**TITLE1D* N4\*\**LAST*<sup>DL-71</sup> NX2\*01\**LANO*DL-63 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>

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 Loop may repeat]

**Important Note:** If none of the above PO1 loops is 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 #

#### 30.5.2 PAL/PSP 860 Supp Version 4020 - Specific Fields

The 860 PAL/PSP is identical to the 850 PAL/PSP except for the following:

ST\*860\*TRAN SET CONTROL # BCH\*<u>SUP</u><sup>LSR-25</sup>\*SS\***PON**<sup>LSR-2\*\*</sup>VER<sup>LSR-3</sup>\*PO Date (See Trading Partner Access Information) POC\*n\*RZ\*\*\*\*\*ZZ\*?? Where?? = "EU\_DISC" or "RE" or "EU\_SA" or "DA" POC\*n\*RZ\*\*\*\*\*ZZ\*??\*SH\***RTY**<sup>DL-12</sup> 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 #

# 30.6 Data Dictionary

30.6.1 850 PAL Payphone Service Provider Request (850PALPSP)

# Functional Group ID=PO

#### Introduction:

The 850PALPSP will be used by the Co-Provider to initiate a PAL Payphone Service Provider service request to Qwest.

This implementation guideline references the following:

1. ANSI ASC X12 Version 4020

- 2. LSOG 5, when applicable, and Qwest assigned fields
- 3. TCIF/SOSC Guidelines, ELMS 5

#### Notes:

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

#### **Heading:**

М	<b>Pos.</b> <u>No.</u> 0100	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
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 - 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		

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		LOOP ID - N1			200	
3100	N1	Name	0	1		
3500	REF	Reference Identification	0	12		
3600	PER	Administrative Communications Contact	0	>1		
		LOOP ID - N1			200	
3100	N1	Name	0	1		

# Detail:

Μ

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - 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 - 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	
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		
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		
						11

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5800	REF	Reference Identification	0	12		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Resale Form (Service	М	1		n3
0180	SI	Details Section) Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
2100	DTM	Date/Time Reference	0	10		
		LOOP ID - N1			200	
3500	N1	Name	0	1	_	
		LOOP ID - N1			200	
3500	N1	Name	0	1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1	~ 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		
	0.	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		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1	~1	
4800	SI	Service Characteristic Identification	0	>1		
			-		. 4	
4700	SLN	LOOP ID - SLN Subline Item Detail	0	1	>1	
4700 4800	SLN	Subine herri Detail Service Characteristic Identification	0 0	1 >1		
4000	0		0	~1		
	50/	LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - DL Form (Delivery Address Section)	М	1		n4
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	
3500	N1	Name	0	1		
3800	N4	Geographic Location	0	1		
3850	NX2	Location ID Component	0	>1		
		LOOP ID - PO1			100000	

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0100	PO1	Baseline Item Data - DL Form (Service Details Section)	Μ	1	n5
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 - N9			1000
3300	N9	Reference Identification	0	1	
3400	MTX	Text	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	
3650	IN2	Individual Name Structure Components	0	>1	
3800	N4	Geographic Location	0	1	
3850	NX2	Location ID Component	0	>1	
4050	SI	Service Characteristic Identification	0	>1	
		LOOP ID - PO1			100000
0100	PO1	Baseline Item Data - Dummy (DD)	М	1	n6

#### Summary:

Μ

Μ

	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 - CTT			1	
	0100	CTT	Transaction Totals	0	1		n7
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. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	ST 1	Fransaction Set Header		
Position: Loop:	0100			
Level:	Heading			
Usage:	Mandato	ry		
Max Use:	1			
Purpose:	To indica	ate the start of a transaction set and to assign a control n	umbe	r
Syntax Notes:				
Semantic Notes: Comments:	inter 810 2 The routi conv	transaction set identifier (ST01) is used by the translation change partners to select the appropriate transaction set selects the Invoice Transaction Set). implementation convention reference (ST03) is used by the nes of the interchange partners to select the appropriate vention to match the transaction set definition.	: defini he trar	tion (e.g., nslation
Notes:	ST*850*	TRAN SET CONTROL #		
		Data Element Summary		
Ref.	Data			
Des.	Element			<u>ibutes</u>
M ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
		Code uniquely identifying a Transaction Set		
		850 Purchase Order		
M ST02	329	Transaction Set Control Number	Μ	AN 4/9
		Identifying control number that must be unique within th functional group assigned by the originator for a transact		

Segment:	<b>BEG</b> Beginning Segment for Purchase Order
Position: Loop:	0200
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes:	, ,
Semantic Notes: Comments:	<b>1</b> BEG05 is the date assigned by the purchaser to purchase order.
Notes:	BEG*00*SS*PON (LSR-2)**PO Date (See Trading Partner Access Information)
	Data Element Summary
<b>P</b> (	

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	<u>Attr</u>	ibutes
М	BEG01	353	Transaction Set Purpose Code	Μ	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
М	BEG02	92	Purchase Order Type Code	Μ	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
М	BEG03	324	Purchase Order Number	М	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON (LSR-2) = Purchase Order Number		
М	BEG05	373	Date	М	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date (See Trading Partner Access Information)		

Segment:	<b>REF</b> Reference Identification
Position: Loop:	0500
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*11*AN (LSR-7)*AN
	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

#### **Data Element Summary**

REF\*12\*BAN1(LSR-61)\*BAN1 REF\*OW\*ORD (RE-6)\*ORD

Ref.

Data

	Des.	Element				<u>ibutes</u>
М	REF01	128	Reference Identi	fication Qualifier	М	ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunicati account	ons ir	ndustry
			12	Billing Account		
				Account number under which billing	is reno	dered
			1V	Related Vendor Order Number		
				A vendor's order number that is in ac primary order number	ldition	to a
			AO	Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			OW	Service Order Number		
			SU	Number assigned when a customer of and equipment and which appears of Special Processing Code		service
			00	Unique code identifying the special h requirements for the claim	andlir	ng
	REF02	127	<b>Reference Identif</b>	•	Х	AN 1/30
				tion as defined for a particular Transacter eference Identification Qualifier	ction S	Set or as
			AN (LSR-7) = Acco			
			```	isting Account Number		
			•	5a) = Appointment Confirmation		
				0) = Project Identification esponse Type Requested		

		RPON (LSR-51) = Related Purchase Order Number RORD (LSR-52) = Related Order Number BAN1 (LSR-61) = Billing Account Number 1 ORD (RE-6) = Order Number		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content "AN" "EAN" "RTR" "RPON" "RORD" "BAN1" "ORD"	s and	d their

Segment:	PAM Period Amo	unt	
Position:	0950		
Loop:			
Level: Usage:	Heading Optional		
Max Use:	10		
Purpose:		nd/or amount for an identified period	
Syntax Notes:		M02 or PAM03 is present, then all an	e required.
		02 PAM05 or PAM14 is required. AM05 is present, then the other is re	auired
		AM07 is present, then the other is re	
		then at least one of PAM08 or PAM	09 is required.
		then PAM06 is required. then PAM07 is required.	
		then PAM07 is required.	
	1 ,	then at least one of PAM11 or PAM	12 is required.
		then PAM10 is required.	
Semantic Notes:		AM14 is present, then the other is re PAM12 are used when two dates are	•
Semantic Notes.		ether the monetary amount identified	•
	or gross value. A "Y	(" indicates amount is a gross value;	
Commenter	amount is a net value	е.	
Comments: Notes:	PAM*48*PG_of_ (LSR-1	0)(1st 2 Bytes)*EA	
	PAM*47*PG_of_ (LSR-1		
	PAM*KC*DQTY (EU-5)*		
	PAM*QO*RSQTY (RE-5 PAM*BH*DDQTY (DL-23		
		<i>, _,</i>	
D.(		ement Summary	
Ref. Des.	Data Element Name		Attributes
PAM01	673 Quantity Qua	lifier	X ID 2/2
	Code specifyin	g the type of quantity	
	47	Primary Net Quantity	
	48	Secondary Net Quantity	
	BH	Book Order Quantity	
	KC	Net Quantity Decrease	

PAM02	380	QO Quantity	a previously transmitted quantity, aft have been made Operating Quantity	er ad <u>.</u> X	justments R 1/15
		Numeric value of c	quantity		
		· · · ·	PG_of_ (LSR-10) sconnect Quantity Resale Quantity Number of Delivery Segments		
PAM03	C001	Composite Unit c	of Measure	Х	
		To identify a comp examples of use)	osite unit of measure (See Figures A	ppend	dix for
C00101	355	Unit or Basis for	Measurement Code	М	ID 2/2

The resultant quantity represents a net decrease to

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

	0 4 6						
Segment:	<b>SAU</b>	Service, Promotion, Allowance, or Charge Information	ation	ļ.			
Position:	1200						
Loop: Level:		Optional					
Usage	0						
Max Use							
Purpose	•	est or identify a service, promotion, allowance, or charge; t	-	cify the			
		or percentage for the service, promotion, allowance, or cha	arge				
Syntax Notes:		east one of SAC02 or SAC03 is required. her SAC03 or SAC04 is present, then the other is required	1				
		ther SAC06 or SAC07 is present, then the other is required the sacon sequired the sacon sequences and the sacon se					
		ther SAC09 or SAC10 is present, then the other is required					
		AC11 is present, then SAC10 is required.					
		AC13 is present, then at least one of SAC02 or SAC04 is r	equir	ed.			
		AC14 is present, then SAC13 is required. AC16 is present, then SAC15 is required.					
Semantic Notes:		AC01 is "A" or "C", then at least one of SAC05, SAC07, or	r SAC	208 is			
	requ	ired.					
		C05 is the total amount for the service, promotion, allowand		•			
		AC05 is present with SAC07 or SAC08, then SAC05 takes C08 is the allowance or charge rate per unit.	prec	edence.			
		C10 and SAC11 is the quantity basis when the allowance of	or cha	arge			
		ntity is different from the purchase order or invoice quantity		-			
		C10 and SAC11 used together indicate a quantity range, w					
		<ul><li>dollar amount, that is applicable to service, promotion, allowance, or charge.</li><li>SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific</li></ul>					
		s SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.					
		6 SAC14 is used in conjunction with SAC13 to identify an option when there is					
		e than one option of the promotion.					
Comments:		C16 is used to identify the language being used in SAC15. C04 may be used to uniquely identify the service, promotio	n	000000			
Comments.		harge. In addition, it may be used in conjunction with SAC					
		define SAC02.					
		ome business applications, it is necessary to advise the tra					
		actual dollar amount that a particular allowance, charge, or based on to reduce ambiguity. This amount is commonly					
		lar Basis Amount". It is represented in the SAC segment i					
		qualifier "DO" - Dollars in SAC09.		e re doing			
Notes:	SAC*N*	TI*EXP [If this segment appears then EXP (LSR-26) = "Y	´"]				
	SAC*N*	*TI*VT********VTA (LSR-80)					
		Data Element Summary					
Ref.	Data						
Des.	Element		-	<u>ibutes</u>			
I SAC01	248	Allowance or Charge Indicator	M	ID 1/1			
		Code which indicates an allowance or charge for the serv	nce s	pecilied			
SA C02	559	N No Allowance or Charge	х	ID 2/2			
SAC03	559	Agency Qualifier Code	^				
		Code identifying the agency assigning the code values TI Telecommunications Industry					
SAC04	1301	Agency Service, Promotion, Allowance, or Charge	Х	AN 1/10			
07004	1501	Code	Λ				
		Agency maintained code identifying the service, promotio	on, al	lowance,			
		or charge					

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		EXP	Expedited Service Charge		
		VT	Variable Term Contract Pricing Plan		
SAC15	352	Description		Х	AN 1/80
		content	ription to clarify the related data elements	s an	d their
		VTA (LSR-80) =	Variable Term Agreement		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1500 Heading Optional 10 To speci 1 At le 2 If DT 3 If eit DTM*09 DTM*150 (LSR-15)	M04 is present, then her DTM05 or DTM0 7*D/TSENT{CCYYM 0*DDD{CCYYMMDD	nd times 0TM03 or DTM05 is required. n DTM03 is required. 06 is present, then the other is require 06 (LSR-12)*D/TSENT{HHMM} (L 0} (LSR-14)***TM/RTM*APPTIME{HHI	SR-12	
		)*DATED{CCYYMM 2****TM*DFDT{HHM			
			ent Summary		
Ref. <u>Des.</u> 1 DTM01 DTM02	Data <u>Element</u> 374 373	Date/Time Qualif Code specifying typ 097 150 151 270 992 Date Date expressed as D/TSENT (LSR-12) DDD (LSR-14) = D	pe of date or time, or both date and ti Transaction Creation Service Period Start Service Period End Date Filed Date Requested CCYYMMDD = Date and Time Sent	М	ibutes ID 3/3 DT 8/8
DTM03	337	DDDO (LSR-16) = Time Time expressed in or HHMMSSD, or H (00-59), S = intege decimal seconds a hundredths (00-99)	Desired Due Date Out 24-hour clock time as follows: HHMM HHMMSSDD, where H = hours (00-23 r seconds (00-59) and DD = decimal re expressed as follows: D = tenths (	3), M = secor	= minutes nds;
DTM05	1250	Date Time Period	Format Qualifier e date format, time format, or date and Range of Time Expressed in Format A range of times expressed in the for HHMM where HH is the numerical e hours in the day based on a twenty- and MM is the numerical expression within an hour; the first occurrence of starting time and the second is the e	HHM Frm HI Spress four h four h of mi of HHN	M-HHMM HMM- sion of our clock inutes MM is the

М

		TM	Time Expressed in Format HHMM	
			Time expressed in the format HHMM wh the numerical expression of hours in the on a twenty-four hour clock and MM is th expression of minutes within an hour	day based
DTM06	1251	Date Time Perio	d X	AN 1/35
		Expression of a da times	ate, a time, or range of dates, times or dat	es and
			[-HHMM]} (LSR-15) = Appointment Time SR-19) = Desired Frame Due Time	

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 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*RE*REQTYP (LSR-23)				
	SI*TI*AA*ACT (LSR-24)				
	SI*TI*LS*LSO (LSR-43)				
	SI*TI*TY*TOS (LSR-44)				
	SI*TI*IW*IWO (EU-36)				
	SI*TI*ZT*TEST (LSR-22a)				

## **Data Element Summary**

		Data E	lement Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
SI01	559	Agency Qual	ifier Code	Μ	ID 2/2
		Code identifyir	ng the agency assigning the code values		
		TI	Telecommunications Industry		
SI02	1000	Service Char	acteristics Qualifier	М	AN 2/2
		Code from an	industry code list qualifying the type of se	rvice	
		characteristics	6		
		AA	Account Activity		
		IW	Inside Wire Options		
		LS	Local Serving Office		
		RE	Requisition Type		
		TY	Type of Service		
		ZT	Test		
SI03	234	Product/Serv	rice ID	Μ	AN 1/48
		Identifying nun	nber for a product or service		
		A= (DWS: N D= (DWS: C C= (DWS: C SD= (DWS: RS= (DWS: T T= (DWS: T REQTYP (LSF	N-New Installation) D-Disconnect of Entire Account) D-Change) L-Seasonal Suspend) B-Restore) D-Outside move(T/F)) R-23) = Requisition Type and Status		
	<u>Des.</u> SI01 SI02	Des. Element SI01 559 SI02 1000	Ref.DataDes.ElementNameSI01559Agency Qual Code identifyin TISI021000Service Char Code from an characteristics AA IW LS RE TY ZTSI03234Product/Serv Identifying num ACT (LSR-24) A= (DWS: N D= (DWS: C SD= (DWS: T= (DWS: T T= (DWS: T	Des.       Element       Name         SI01       559       Agency Qualifier Code         Code identifying the agency assigning the code values       TI         TI       Telecommunications Industry         SI02       1000       Service Characteristics Qualifier         Code from an industry code list qualifying the type of sercharacteristics         AA       Account Activity         IW       Inside Wire Options         LS       Local Serving Office         RE       Requisition Type         TY       Type of Service         ZT       Test	Ref.DataNameAttrDes.ElementNameAttrSI01559Agency Qualifier CodeMCode identifying the agency assigning the code valuesTTelecommunications IndustrySI021000Service Characteristics QualifierMCode from an industry code list qualifying the type of service characteristicsAAAccount ActivityIWInside Wire OptionsLSLocal Serving OfficeRERequisition TypeTYType of ServiceZTTestSI03234Product/Service IDMIdentifying number for a product or serviceACT (LSR-24) = ActivityACT (LSR-24) = ActivityA= (DWS: N-New Installation)D= (DWS: D-Disconnect of Entire Account)C= (DWS: C-Change)SD= (DWS: L-Seasonal Suspend)RS= (DWS: B-Restore)T= (DWS: T-Outside move(T/F))REQTYP (LSR-23) = Requisition Type and Status

LSO (LSR-43) = Local Service Office
IWO (EU-36) = Inside Wire Options
TEST (LSR-22a) = Type of Test

Segment:	PID Product/Item Description
Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	<ul><li>2 PID04 should be used for industry-specific product description codes.</li></ul>
	<ul><li>3 PID04 should be used for industry-specific product description codes.</li><li>3 PID08 describes the physical characteristics of the product identified in</li></ul>
	PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	<ul> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> </ul>
	<ul><li>3 PID07 specifies the individual code list of the agency specified in PID03.</li></ul>
Notes:	PID*S**TI*AH***SO-RSQ*CHC (LSR-22)
NOLES.	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)
	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)

## **Data Element Summary**

			ient Summary		
Ref.	Data		-		
Des.	<u>Element</u>	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
PID01	349	Item Description	а Туре	Μ	ID 1/1
		Code indicating th	ne format of a description		
		S	Structured (From Industry Code List)		
PID03	559	Agency Qualifie		Х	ID 2/2
		Code identifying t	he agency assigning the code values		
		ТІ	Telecommunications Industry		
PID04	751	Product Descrip	tion Code	Х	AN 1/12
		A code from an ir product character	ndustry code list which provides specific ristic	data	about a
		AH	Coordinated Hot Cut		
		AO	Agency Authorization Status		
		PENDING	Pending Order		
PID07	822	Source Subqua	lifier	Ο	AN 1/15
		A reference that i Qualifier	ndicates the table or text maintained by	the	Source
		SO-RSQ	Service Order - Reseller Questions lis	st	
PID08	1073	Yes/No Conditio	n or Response Code	Ο	ID 1/1
		Code indicating a	Yes or No condition or response		
		PENDING ORDE	Coordinated Hot Cut R (LSR-108b) = Pending Order Indicator 5) = Agency Authorization Status	-	

Position:       2950         Loop:       N9         Optional       Level:         Heading       Usage:         Optional       Max Use:         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.         3       If either C04005 or C04006 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:       N907 contains data relating to the value cited in N902.         Notes:       N917*ORI*RESALE****2W>MANUAL IND (RE-60b)         Data       Element Name         Attributes       M         N901       Element Name         Attributes       N ID 2/3         Code qualifying the Reference Identification       X AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification numbers as specified by the Reference Identification         N902       127       Reference Identifier		Segment:	N9 F	Reference Identification						
Loop: N9 Optional Level: Heading Usage: Optional Max Use: 1 Purpose: To transmit identifying information as specified by the Reference Identification Cualifier 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 C04003 or C04006 is present, then the other is required. 5 If either C04003 or C04006 is present, then the other is required. 4 If either C04003 or C04006 is present, then the other is required. 5 IN 906 reflects the time zone which the time reflects. 2 N907 contains data relating to the value cited in N902. Comments: Notes: N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b) Data Element Summary Ref. Data Des. Element Name Attributes M N901 128 Reference Identification Qualifier M ID 2/3 Code qualifying the Reference Identification H7 Standard Clause N902 127 Reference Identification Qualifier ORI Order Instructions N903 369 Free-form Description X AN 1/30 Reference Identification Qualifier ORI Order Instructions N907 C0400 Reference Identification Qualifier M C04001 128 Reference Identification Qualifier M C04001 128 Reference Identification Qualifier M C04002 127 Reference Identification Qualifier M C04002 127 Reference Identification M ID 2/3 Code qualifying the Reference Qualifier M C04002 127 Reference Identification Oualifier M AN 1/30 Reference Identification M ID 2/3 Code qualifying the Reference Qualifier M AN 1/30 Reference Identification Authority M C04002 127 Reference Identification M AN 1/30 Reference Identification Authority M C04002 127 Reference Identification M AN 1/30 Reference Identification Authority		•	-							
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. 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. 5 If either C04003 or C04006 is present, then the other is required. 4 If either C04005 or C04006 is present, then the other is required. 5 If either C04005 or C04006 is present, then the other is required. 5 If either C04005 or C04006 is present, then the other is required. 5 If either C04005 or C04006 is present, then the other is required. 5 If either C04005 or C04006 is present, then the other is required. 5 Notes: N9°T contains data relating to the value cited in N902. Comments: Notes: N9°T/T°RI*RESALE****2W>MANUAL IND (RE-60b) M N901 128 Reference Identification Qualifier M N902 127 Reference Identification H7 Standard Clause N902 127 Reference Identification N903 369 Free-form Description X AN 1/30 Reference Identification Qualifier ORI Order Instructions N903 369 Free-form Description X AN 1/45 Free-form descriptive text TRESALE* M C04001 128 Reference Identification Qualifier M C04001 128 Reference Identification W C04002 127 Reference Identification W C04002 127 Reference Identification W C04002 127 Reference Identification W C04002 127 Reference Identification W AN 1/30 Reference Identification W AN 1/30 Reference Identification W AN 1/30 Reference Identification Oualifier M AN 1/30 Reference Identification W AN 1/30 Reference Identification K AN 1/30 Reference Identification M AN 1/30 Reference Identification Cualifier M AN 1/30 Reference Identi										
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.         4       If either C04005 or C04006 is present, then the other is required.         5emantic Notes:       1       N907 contains data relating to the value cited in N902.         Comments:         Notes:       N9"H7"ORI*RESALE****2W>MANUAL IND (RE-60b)         M       N901       128       Reference Identification Qualifier         M       N902       127       Reference Identification         H7       Standard Clause       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       O         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE*"       O       To identify one or more reference numbers or identification numbers as specified by the Reference Identification       M       ID 2/3         Code qualifying		•								
Purpose:       To transmit identifying information as specified by the Reference Identification         Qualifier       1       At least one of N902 or N903 is required.         2       If N906 is present, then N905 is required.         3       If either C40003 or C04004 is present, then the other is required.         4       If either C40003 or C04006 is present, then the other is required.         3       If either C40003 or C04006 is present, then the other is required.         4       If either C40003 or C04006 is present, then the other is required.         5       Notes:       N907 contains data relating to the value cited in N902.         Comments:       Notes:       N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)         Des.       Element       Name       Attributes         M       N901       128       Reference Identification Qualifier       M       M       D2/3         Code qualifying the Reference Identification       X       AN 1/30       Reference Identification Qualifier       M       ID 2/3         N902       127       Reference Identification Qualifier       X       AN 1/30         Reference Identification       X       AN 1/45       Free-form descriptive text         "RESALE"       N907       C040       Reference Identification Qualifier       O         N907<		Usage:	Optional							
Qualifier       1       At least one of N902 or N903 is required.         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.         4       If either C04005 or C04006 is present, then the other is required.         5emantic 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*RESALE****2W>MANUAL IND (RE-60b)         Data Element Summary         Ref.       Data         Des.       Element         N901       128         Reference Identification Qualifier       M         N902       127         Reference Identification       X         AN 1/30       Reference Identification as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier         ORI       Order Instructions       X         N903       369       Free-form Description       X         RESALE*       N907       C040       Reference Identification Qualifier			•							
<ul> <li>If N906 is present, then N905 is required.</li> <li>If either CO4003 or CO4004 is present, then the other is required.</li> <li>If either CO4005 or CO4006 is present, then the other is required.</li> <li>If either CO4005 or CO4006 is present, then the other is required.</li> <li>IN906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Notes:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Notes:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Notes:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Notes:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Nets:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Nets:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Nets:</li> <li>Nets:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>Nets:</li> <li>Nets:</li> <li>Nets:</li> <li>N907 contains data relating to the value cited in N902.</li> <li>N901</li> <li>Ref.</li> <li>Data Element Summary</li> <li>Code qualifying the Reference Identification</li> <li>H7</li> <li>Standard Clause</li> <li>N902</li> <li>Reference Identification as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ORI Order Instructions</li> <li>N903</li> <li>Reference Identifier</li> <li>N907</li> <li>Co40</li> <li>Reference Identifier</li> <li>N907</li> <li>Co40</li> <li>Reference Identifier</li> <li>N907</li> <li>Co40</li> <li>Reference Identification Qualifier</li> <li>M ID 2/3</li> <li>Code qualifying the Reference Qualifier</li> <li>M ID 2/3</li> <li>Code qualifying the Reference Identification</li> <li>M ID 2/3</li> <li>Code qualifying the Reference</li></ul>		Purpose:		mit identifying information as specified by the Reference lo	dentif	ication				
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.         1       N906 reflects the time zone which the time reflects.         2       N907 contains data relating to the value cited in N902.         Comments:         Notes:       N917*ORI*RESALE****2W>MANUAL IND (RE-60b)         Data Element Summary         Des.       Element         Pes.       Data         Element       Reference Identification Qualifier         M       N901       128         Reference Identification       X         N902       127       Reference Identification Qualifier         N903       369       Free-form Description       X         N904       Order Instructions       X       AN 1/30         Reference Identification Qualifier       O       O       Order Instructions         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       "RESALE"       To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier       O         N907       C040       Reference Identification Qualifier       M       ID 2/3	S	yntax Notes:	1 At le	ast one of N902 or N903 is required.						
<ul> <li>4 If either C04005 or C04006 is present, then the other is required.</li> <li>1 N906 reflects the time zone which the time reflects.</li> <li>2 N907 contains data relating to the value cited in N902.</li> <li>Comments:</li> <li>Notes:</li> <li>N9*H7*ORI*RESALE****2W&gt;MANUAL IND (RE-60b)</li> </ul> M N901 128 Reference Identification Qualifier M ID 2/3 Code qualifying the Reference Identification H7 Standard Clause N902 127 Reference Identification as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier N903 369 Free-form Description K AN 1/45 Free-form descriptive text RESALE" N907 C040 Reference Identification Qualifier O Reference Identifier O Reference Identifier O RI O CO4001 128 Reference Identification Qualifier O RI O CO4001 Reference Identification Qualifier O RI O CO4001 C040 Reference Identification Qualifier O RI O CO4001 C040 Reference Identification Qualifier O RI O CO4001 C040 Reference Identification Qualifier M AN 1/30 Reference Identification Qualifier N907 C040 Reference Identification Qualifier M ID 2/3 Code qualifying the Reference Qualifier N ID 2/3 Code qualifying the Reference Qualifier M ID 2/3 Code qualifying the Reference Qualifier M AN 1/30 Reference Identification Qualifier M AN 1/30 Reference Identification Qualifier M AN 1/30 Reference Identification Reference Ident		-		06 is present, then N905 is required.						
Semantic Notes:       1       N906 reflects the time zone which the time reflects.       2         2       N907 contains data relating to the value cited in N902.         Comments:         Notes:       N9"H7"ORI"RESALE"***2W>MANUAL IND (RE-60b)         Data Element Summary         Ref.       Data         Des.       Element         Element       Name         Code qualifying the Reference Identification       M ID 2/3         Code qualifying the Reference Identification       X AN 1/30         Reference Identification       X AN 1/30         Reference Identification as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier         ORI       Order Instructions         N903       369       Free-form Description       X AN 1/45         Free-form descriptive text       "RESALE"       "RESALE"         N907       C040       Reference Identification Qualifier       O         N907       C0400       Reference Identification Qualifier       O         N907       C0400       Reference Identification Qualifier       O         N907       C0400       Reference Identification Qualifier       M ID 2/3         Code qualifying the Reference Qualifier       M ID 2/3       Code										
2       N907 contains data relating to the value cited in N902.         Comments:       N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)         Data Element Summary         Ref.       Data         Des.       Element         N901       128         Reference Identification Qualifier       M ID 2/3         Code qualifying the Reference Identification       X AN 1/30         Reference Identification       X AN 1/45         Free-form Description       X AN 1/45         Free-form Descriptive text       "RESALE"         "N907       C040       Reference Identification Qualifier         N907       C040       Reference Identifier         N907       C040       Reference Identifier         N907       C040       Reference Identification Qualifier         M       C04001       128       Reference Identification Qualifier         N907       C040       Reference Identification Qualifier         M       C04001       128       Reference Identification         M       C04001       128       Reference Identification	~				ed.					
Comments:       Nortes:       N9"H7"ORI"RESALE****2W>MANUAL IND (RE-60b)         Data Element Summary         Ref.       Data         Des.       Element       Name       Attributes         M       N901       128       Reference Identification Qualifier       M       ID 2/3         M       N901       128       Reference Identification Qualifier       M       ID 2/3         M       N901       128       Reference Identification       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       ORI       Order Instructions         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       O         M       C04001       128       Reference Identification Qualifier       O         N907       C040       Reference Identification Qualifier       O       O         M       C04001       128       Reference Identification Qualifier       O         M       C04002       127       Reference Identification       Z       M       ID 2/3         Code qualifying the Reference Identification       ZW       Change Order Authority       M <th>Sen</th> <th>nantic Notes:</th> <th></th> <th></th> <th></th> <th></th>	Sen	nantic Notes:								
Notes:       N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)         Data       Data         Des.       Element       Name       Attributes         M       N901       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       H7       Standard Clause       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       X       AN 1/30         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       O         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04002       127		Comments:	<b>Z</b> 190	7 contains data relating to the value cited in N902.						
Data Element Summary         Ref.       Data         Des.       Element       Name       Attributes         M       N901       128       Reference Identification Qualifier       M       ID 2/3         M       N901       128       Reference Identification Qualifier       M       ID 2/3         N902       127       Reference Identification       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       X       AN 1/45         N903       G99       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       O         N907       C040       Reference Identification Qualifier       O         N907       C040       Reference Identifier       O         N907       C040       Reference Identifier       O         N907       C040       Reference Identifier       O         N907       C040       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       M       ID 2/3       Code qualifying the Reference Identification         M       C04001       128       Reference Identification			N9*H7*C	RI*RESALE****2W>MANUAL IND (RE-60b)						
Ref.       Data         Des.       Element       Name       Attributes         N901       128       Reference Identification Qualifier       M       ID 2/3         N901       128       Reference Identification Qualifier       M       ID 2/3         N901       128       Reference Identification Qualifier       M       ID 2/3         N902       127       Reference Identification       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       X       AN 1/45         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       O       To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04001       128       Reference Identification       M       ID 2/3         M       C04002       127       Reference Identification       M       ID 2/3         M       C04002       128       Reference Identification       M       AN 1/30         Reference Identification       <										
Des. N901       Element 128       Name Reference Identification Qualifier       Attributes M       ID 2/3         M       N901       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       H7       Standard Clause       Standard Clause         N902       127       Reference Identification       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       O         ORI       Order Instructions       X       AN 1/45         Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification Qualifier       M       ID 2/3       Code qualifying the Reference Identification         M       C04002       127       Reference Identification       M       AN 1/30         Reference Identification       2W       Change Order Authority       M       AN 1/30         Reference Identification       M       AN 1/30       Reference Identification       M				Data Element Summary						
M       N901       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       H7       Standard Clause         N902       127       Reference Identification       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ORI       Order Instructions       X       AN 1/45         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       O         N907       C040       Reference Identification Qualifier       O         N907       C040       Reference Identification Qualifier       O         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority       M       ID 2/3         M       C04002       127       Reference Identification       M       AN 1/30         Reference Identification <th></th> <th>Ref.</th> <th>Data</th> <th>-</th> <th></th> <th></th>		Ref.	Data	-						
M       Code qualifying the Reference Identification       H7       Standard Clause         N902       127       Reference Identification       X       AN 1/30         Reference Identification       Q       AN 1/30       Reference Identification Qualifier       Standard Clause         N902       127       Reference Identification       X       AN 1/30         Reference Identification Qualifier       ORI       Order Instructions       X       AN 1/45         Free-form Description       X       AN 1/45       Free-form descriptive text       Transaction numbers or identification numbers as specified by the Reference Qualifier         N907       C040       Reference Identification Qualifier       O       O         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority       M       AN 1/30         M       C04002       127       Reference Identification       M       AN 1/30         Reference Information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30					-					
H7       Standard Clause         N902       127       Reference Identification       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       ORI       Order Instructions         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       View of the text       View of text         N907       C040       Reference Identification Qualifier       O         N907       C040       Reference Identification Qualifier       O         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority       M       AN 1/30         M       C04002       127       Reference Identification       M       AN 1/30	М	N901	128			ID 2/3				
N902       127       Reference Identification       X       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       ORI       Order Instructions         N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       "RESALE"         N907       C040       Reference Identification Qualifier       O         To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04002       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification       M       AN 1/30				Code qualifying the Reference Identification						
N903       369       Free-form Description Order Instructions       X       AN 1/45         N903       369       Free-form Description Set or as specified by the Reference Identification Qualifier       X       AN 1/45         N907       C040       Reference Identifier       O       O         N907       C040       Reference Identifier       O       O         To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority       M       AN 1/30         Reference Identification       M       AN 1/30       Reference Identification as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30				H7 Standard Clause						
N903       369       Free-form Description       X       AN 1/45         Free-form descriptive text       "RESALE"       "RESALE"         N907       C040       Reference Identifier       O         To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30		N902	127	Reference Identification	Х	AN 1/30				
N907       C0400       Reference Identifier       O         M       C04001       128       Reference Identification Qualifier       M ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority         M       C04002       127       Reference Identification       M AN 1/30         Reference Identification       Reference Identification       M AN 1/30				specified by the Reference Identification Qualifier	tion	Set or as				
N907       C0400       Reference Identifier       O         M       C04001       128       Reference Identification Qualifier       M ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority         M       C04002       127       Reference Identification       M AN 1/30         Reference Identification       Reference Identification       M AN 1/30		N903	369	Free-form Description	Х	AN 1/45				
N907       C040       Reference Identifier       O         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         M       C04001       128       Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority         M       C04002       127       Reference Identification       M       AN 1/30         Reference Identification as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30										
M       C04001       128       To identify one or more reference Qualifier Reference Identification Qualifier       M       ID 2/3         M       C04002       127       Reference Identification 2W       Change Order Authority         M       C04002       127       Reference Identification Reference Identification 2W       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30				-						
M       C04001       128       specified by the Reference Qualifier       M       ID 2/3         Code qualifying the Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority         M       C04002       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       Set or as		N907	C040	Reference Identifier	0					
M       C04001       128       specified by the Reference Qualifier       M       ID 2/3         Code qualifying the Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       2W       Change Order Authority         M       C04002       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       Set or as				To identify one or more reference numbers or identification	on nu	mbers as				
M       C04002       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       M       AN 1/30										
2W       Change Order Authority         M       C04002       127       Reference Identification       M       AN 1/30         Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier       Set or as	М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3				
M         C04002         127         Reference Identification         M         AN 1/30           Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier         M         AN 1/30				Code qualifying the Reference Identification						
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				2W Change Order Authority						
specified by the Reference Identification Qualifier	Μ	C04002	127	Reference Identification	М	AN 1/30				
				specified by the Reference Identification Qualifier	tion	Set or as				

Segment:	MTX Text
Position:	3000
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
-,	<b>2</b> 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**REMARKS (RE-60a)
	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 (RE-60a) = Remarks

	Segment:	N9 F	Reference Identification						
	Position:	2950							
	Loop:		Optional						
	Level:	Heading							
	Usage:	Optional							
	Max Use:	1							
	Purpose:	To trans Qualifier	mit identifying information as specified by the Reference lo	dentif	ication				
S	yntax Notes:	1 At le	ast one of N902 or N903 is required.						
	-		06 is present, then N905 is required.						
			her C04003 or C04004 is present, then the other is require						
~			her C04005 or C04006 is present, then the other is require	ed.					
Sem	nantic Notes:		6 reflects the time zone which the time reflects.						
	Comments:	<b>2</b> N90 <sup>-</sup>	7 contains data relating to the value cited in N902.						
	Notes:	N9*H7*C	0RI*LSR****2W>MANUAL IND (LSR-108a)						
			Data Element Summary						
	Ref.	Data							
	Des.	Element	Name	Att	<u>ributes</u>				
М	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 Transac specified by the Reference Identification Qualifier ORI Order Instructions	tion	Set or as				
	N903	369	Free-form Description	Х	AN 1/45				
			Free-form descriptive text						
			"LSR"						
	N907	C040	Reference Identifier	ο					
			To identify one or more reference numbers or identification	on nu	imbers as				
			specified by the Reference Qualifier						
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3				
			Code qualifying the Reference Identification						
			2W Change Order Authority						
М	C04002	127	Reference Identification	М	AN 1/30				
			Reference information as defined for a particular Transac	tion \$	Set or as				
			specified by the Reference Identification Qualifier						
			MANUAL IND (LSR-108a) = Manual Indicator						

Segment:	MTX Text	
Position:	3000	
Loop:	N9 Optional	
Level:	Heading	
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 (LSR-108)	
	Data Element Summary	
Ref.	Data	
Des.	Element Name Attributes	
MTX02	1551 Message Text X AN 1/4096	5
	To transmit large volumes of message text	
	REMARKS (LSR-108) = Remarks	

	Segment:	N9 F	Reference Identification						
	Position:	2950							
	Loop:		Optional						
	Level:	Heading							
	Usage:	Optional							
	Max Use:	1							
	Purpose:	To trans Qualifier	mit identifying information as specified by the Reference Ic	lentif	ication				
S	yntax Notes:	1 At le	ast one of N902 or N903 is required.						
			06 is present, then N905 is required.						
			her C04003 or C04004 is present, then the other is require						
•			her C04005 or C04006 is present, then the other is require	ed.					
Sem	nantic Notes:		6 reflects the time zone which the time reflects.						
	Comments:	<b>2</b> N90 <sup>-</sup>	7 contains data relating to the value cited in N902.						
	Notes:	N9*H7*C	)RI*EU****2W>MANUAL IND (LSR-63a)						
	neteel								
			Data Element Summary						
	Ref.	Data							
	Des.	<b>Element</b>	<u>Name</u>	<u>Attı</u>	<u>ibutes</u>				
М	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 Transac specified by the Reference Identification Qualifier ORI Order Instructions	tion	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	n nu	mbers as				
			specified by the Reference Qualifier						
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3				
			Code qualifying the Reference Identification						
			2W Change Order Authority						
М	C04002	127	Reference Identification	М	AN 1/30				
			Reference information as defined for a particular Transac	tion					
			specified by the Reference Identification Qualifier						
			MANUAL IND (EU-63a) = Manual Indicator						
			· · · · · ·						

Segment:	MTX Text	
Position:	3000	
Loop:	N9 Optional	
Level:	Heading	
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 (EU-63)	
	Data Element Summary	
Ref.	Data	
Des.	Element Name Attributes	
MTX02		
	5	
	To transmit large volumes of message text	
	REMARKS (EU-63) = Remarks	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3100 N1 Heading Optional 1 To identi 1 At le 2 If eit 1 This orga musi party 2 N105	ify a party by type o east one of N102 or her N103 or N104 is segment, used alor nizational identificat t provide a key to th y.	f organization, name, and code N103 is required. s present, then the other is required. ne, provides the most efficient method tion. To obtain this efficiency the "ID C ne table maintained by the transaction define the type of entity in N101.	ode"	(N104)
		Data Eleme	ent Summary		
Ref.	Data				
Des.	Element		`ede		ibutes
N101	98	Entity Identifier C		M	ID 2/3
		an individual	n organizational entity, a physical loca Service Requester	ition,	property or
N102	93	Name		Х	AN 1/60
		Free-form name			

CCNA (LSR-1) = Customer Carrier Name Abbreviation

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. PER*AG*INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84)*EM*EMAIL (LSR-83)					
	PER*AL	*ALT IMPCON (LSR-94)*TE*TEL NO (LSR-95)*BN*PAGE	R (LSR-96)			
D-(		Data Element Summary				
Ref. <u>Des.</u> M PER01	Data <u>Element</u> 366	Name Contact Function Code	<u>Attributes</u> M ID 2/2			
		Code identifying the major duty or responsibility of the per- named AG Agent AL Alternate Contact Person to be contacted when the ma available CN General Contact				
PER02	93	Name	O AN 1/60			
		Free-form name INIT (LSR-81) = Initiator Identification IMPCON (LSR-91) = Implementation Contact ALT IMPCON (LSR-94) = Alternate Implementation Cont	tact			
PER03	365	Communication Number QualifierCode identifying the type of communication numberTETelephone	X ID 2/2			
PER04	364	Communication Number	X AN 1/256			
		Complete communications number including country or a applicable TEL NO (LSR-82) = Telephone Number TEL NO (LSR-92) = Telephone Number TEL NO (LSR-95) = Telephone Number	area code when			
PER05	365	Communication Number Qualifier         Code identifying the type of communication number         BN       Beeper Number         FX       Facsimile	X ID 2/2			
PER06	364	Communication Number	X AN 1/256			
		Complete communications number including country or a applicable FAX NO (LSR-84) = Facsimile Number	area code when			
Updated: January 21, 20		est Communications International, Inc. Il Disclosure Document – Version 9.0	45			

		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 o	code when
		EMAIL (LSR-83) = Electronic Mail Address		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3100 N1 0 Heading Optional 1 To identi 1 At le 2 If eith 1 This orga must party 2 N105	ast one of N102 or her N103 or N104 is segment, used alor nizational identificat provide a key to th 7. 5 and N106 further of	Optional y a party by type of organization, name, and code ist one of N102 or N103 is required. er N103 or N104 is present, then the other is required. segment, used alone, provides the most efficient method of providing izational identification. To obtain this efficiency the "ID Code" (N104) provide a key to the table maintained by the transaction processing				
Notes:		AL PSP BILLING Data Eleme	ent Summary				
Ref.	Data		-				
Des.	Element				ibutes		
N101	98	Entity Identifier C		Μ	ID 2/3		
		Code identifying an an individual	n organizational entity, a physical locat	ion, p	property or		
		X1	Mail to				
			An address to which a specified item	is to	be mailed		
N102	93	Name		X	AN 1/60		
		Free-form name					
	"PAL PSP BILLING"						

Segment: Position: Loop: Level:	3500 N1 Heading	Reference Identification		
Usage:	Optional			
Max Use:	12 To speci	fy identifying information		
Purpose: Syntax Notes:	1 At le 2 If eit	fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is r her C04005 or C04006 is present, then the other is r		
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF0	2.	
Notes:	REF*SY	*SSN (EU-53)		
		Data Element Summary		
Ref.	Data	News	A 11-	
<u>Des.</u> I REF01	Element 128	Name Reference Identification Qualifier	Attr M	ibutes ID 2/3
	120	Code qualifying the Reference Identification SY Social Security Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Tr specified by the Reference Identification Qualifier SSN (EU-53) = Social Security Number	ansaction S	Set or as

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	3600 N1 Heading Optional >1 To identi directed 1 If eit 2 If eit 3 If eit	Administrative Communications Contact Optional fy a person or office to whom administrative commun her PER03 or PER04 is present, then the other is rea her PER05 or PER06 is present, then the other is rea her PER07 or PER08 is present, then the other is real BILLCON (EU-51)*TE*TEL NO (EU-52)	quired. quired.	hould be
		Data Element Summary		
Ref.	Data Element	Nama	۸	ributes
I Des. Des.	<u>21ement</u> 366	Contact Function Code	M	ID 2/2
		Code identifying the major duty or responsibility of the named BI Bill Inquiry Contact Service Provider contact for male	·	<b>C</b> .
DEDAA		information on the invoice	•	
PER02	93	Name Free-form name BILLCON (EU-51) = Billing Contact	0	AN 1/60
PER03	365	Communication Number QualifierCode identifying the type of communication numberTETelephone	. Х	ID 2/2
PER04	364	Communication Number Complete communications number including country applicable	X y or area o	AN 1/256 code when
		TEL NO (EU-52) = Telephone Number		

Updated: January 21, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Optional 1				
Notes:		25*CC (LSR-29)			
Ref.	Data	Data Element Summary			
Des.	Element	Name	Attr	ibutes	
N101	98	Entity Identifier Code	М	ID 2/3	
		Code identifying an organizational entity, a physical loca an individual BY Buying Party (Purchaser)	ation,	property or	
N103	66	Identification Code Qualifier	Х	ID 1/2	
		Code designating the system/method of code structure r Identification Code (67) 25 Carrier's Customer Code	used f	or	
N104	67	Identification Code	Х	AN 2/80	
		Code identifying a party or other code			
		CC (LSR-29) = Company Code			

Updated: January 21, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	1         If PC           2         If PC           3         If eit           4         If eit           5         If eit           6         If eit           7         If eit           8         If eit           9         If eit           10         If eit           12         If eit           12         If eit           1         See           2         PO1           3         PO1	Mandatory	ed. ed. ed. ed. ed. ed. ed. ed. ed. ed.	ber each
Notes:	No.,	or SKU. *EA***ZZ*EU_SA [PO1 Loop may repeat]		,
Ref. <u>Des.</u> PO101	Data <u>Element</u> 350	Assigned Identification Alphanumeric characters assigned for differentiation with set	0	ibutes AN 1/20 ransaction
PO102	330	"n" = nth assigned ID within PO1 Loop <b>Quantity Ordered</b> Quantity ordered	Х	R 1/15
PO103	355	1Always OneUnit or Basis for Measurement CodeCode specifying the units in which a value is being exprmanner in which a measurement has been takenEAEach	<b>O</b> ressed	<b>ID 2/2</b> , 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 use	ID 2/2 ed in
PO107	234	Product/Service ID Identifying number for a product or service "EU_SA"	X	AN 1/48

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0180 PO1 Detail Optional >1 To spec 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit	ify service characte her SI04 or SI05 is her SI06 or SI07 is her SI08 or SI09 is her SI10 or SI11 is her SI12 or SI13 is			
				present, then the other is required.		
		8 If eit	her SI18 or SI19 is	present, then the other is required.		
-		9 If eit	her SI20 or SI21 is	present, then the other is required.		
ŝ	Semantic Notes: Comments: Notes:			e for each of the service characteristic N*WSOP TEL NO (EU-31a)	s qual	ifiers.
			Data Flem	ent Summary		
	Ref.	Data				
	Des.	Element			<u>Attı</u>	<u>ributes</u>
М	SI01	559	Agency Qualifier		Μ	ID 2/2
				he agency assigning the code values		
			ТІ	Telecommunications Industry		
М	SI02	1000		eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	
			OP	Working Service on Premises		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			WSOP (EU-31) =	Working Service on Premises		
	SI04	1000	Service Characte		Х	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se Telephone Number	rvice	
	SI05	234	Product/Service	ID	Х	AN 1/48
			Identifying number	r for a product or service		
				EU-31a) = Working Service on Premise	es Tel	ephone

Segment:	PID Product/Item Description
Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
-	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	<ol> <li>Use PID03 to indicate the organization that publishes the code list being referred to.</li> </ol>
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in
	PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	<ol> <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> </ol>
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	<b>3</b> PID07 specifies the individual code list of the agency specified in PID03.
Notes:	PID*S**TI*ANV***SO-RSQ*ANV (EU-8a)

## **Data Element Summary**

		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name	<u>Attri</u>	butes
PID01	349	Item Description Type	Μ	ID 1/1
		Code indicating the format of a description		
		S Structured (From Industry Code List)		
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	Product Description Code	Х	AN 1/12
		A code from an industry code list which provides specific product characteristic	data	about a
		ANV Address Not Validated Indicator		
PID07	822	Source Subqualifier	Ο	AN 1/15
		A reference that indicates the table or text maintained by Qualifier	the S	Source
		SO-RSQ Service Order - Reseller Questions lis	st	
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		ANV (EU-8a) = Address Not Validated Indicator		

			-		
	Segment:	KEF	Reference Identification		
	Position:	1000			
	Loop:	PO1	Mandatory		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	>1			
	Purpose:	To speci	fy identifying information		
	Syntax Notes:	1 At le	ast one of REF02 or REF03 is required.		
	-	2 If eit	her C04003 or C04004 is present, then the other is re	quired.	
		3 If eit	her C04005 or C04006 is present, then the other is re	quired.	
S	emantic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
	Comments:				
	Notes:	REF*IX*I	_OCNUM (EU-7)*LOCNUM		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>			<u>ibutes</u>
Λ	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 Tra	neaction (	Sot or as
			specified by the Reference Identification Qualifier		Set Of as
			LOCNUM (EU-7) = Location Number		
	DEEQQ	050		V	
	REF03	352	Description	Х	AN 1/80
			A free-form description to clarify the related data ele	ments and	d their
			content		
			"LOCNUM"		

Segment:	N9 R	Reference Identification		
Position:	3300			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	l o transi Qualifier	mit identifying information as specified by the Reference I	dentif	cation
Syntax Notes:		ast one of N902 or N903 is required.		
		06 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is requir		
• · · · · ·		her C04005 or C04006 is present, then the other is requir	ed.	
Semantic Notes:		6 reflects the time zone which the time reflects.		
Commenter	<b>2</b> N90	7 contains data relating to the value cited in N902.		
Comments: Notes:	N9*L1*A			
notes:	NYLIA			
		Data Element Summary		
Ref.	Data	-		
Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
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 Information	ction \$	Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"EU"		

Segment: Position:	МТХ техt 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> <li>If MTX03 is present, then MTX02 is required.</li> <li>If MTX05 is present, then MTX04 is required.</li> </ol>			
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 befor MTX05 is required.</li> </ol>	pre print", then		
Notes:	MTX**ACC (EU-30)			
Data Element Summary				
Ref.	Data	• •• •		
Des.	Element Name	Attributes		
MTX02	1551 Message Text	X AN 1/4096		
	To transmit large volumes of message text			

ACC (EU-30) = Access Information

Segment:	N9 F	Reference Identification				
Position:	3300					
Loop:		Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1			. ,.		
Purpose:	To transi Qualifier	mit identifying information as specified by the Reference	Identif	ication		
Syntax Notes:	1 At le	ast one of N902 or N903 is required.				
	2 If NS	06 is present, then N905 is required.				
		her C04003 or C04004 is present, then the other is requi				
		her C04005 or C04006 is present, then the other is requi	ired.			
Semantic Notes:		6 reflects the time zone which the time reflects.				
•	<b>2</b> N90 <sup>-</sup>	7 contains data relating to the value cited in N902.				
Comments:	NI0*117*1					
Notes:	N9*H7*L	OC*AAI				
		Data Element Summary				
Ref.	Data					
Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>		
N901	128	Reference Identification Qualifier	М	ID 2/3		
		Code qualifying the Reference Identification				
		H7 Standard Clause				
N902	127	Reference Identification	Х	AN 1/30		
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier LOC Location Instructions	action S	Set or as		
N903	369	Free-form Description	Х	AN 1/45		
		Free-form descriptive text				
		"AAI"				

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**AAI (EU-23)							
	Data Element Summary							
Ref.	Data							
Des.	Element Name Attributes							
MTX02	1551 Message Text X AN 1/409	6						
	To transmit large volumes of message text							

AAI (EU-23) = Additional Address Information

Segment:	N1 N	lame						
Position:	3500							
Loop:	N1	Optional						
Level:	Detail	•						
Usage:	Optional							
Max Use:	1							
Purpose:	To identi	fy a party by type	e of organization, name, and c	ode				
Syntax Notes:	1 At le	ast one of N102	or N103 is required.					
-	2 If eit	her N103 or N104	4 is present, then the other is r	equired.				
Semantic Notes:								
Comments:	orga mus party	organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.						
Notes:		AME (EU-8)	er define the type of entity in N	101.				
10103.								
		Data Ele	ment Summary					
Ref.	Data							
Des.	<u>Element</u>			<u>Attributes</u>				
N101	98	Entity Identifie	r Code	M ID 2/3				
		Code identifying an individual IT	an organizational entity, a ph Installation on Site	ysical location, property or				
N102	93	Name		X AN 1/60				
		Free-form name						
		NAME (EU-8) =	End User Name					
		· · · ·						

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3800 N1 Detail Optional 1 To speci 1 Only 2 If N4 3 If N4 1 A co adeo 2 N40	Geographic Location Optional fy the geographic place of the named party one of N402 or N407 may be present. 106 is present, then N405 is required. 107 is present, then N404 is required. 107 is present, then N404 is required. 109 present, then N404 is required. 109 present, then N404 is required. 109 present, then N404 is required. 100 present, then N405 present. 100 present. 10		/ be
		Data Element Summary		
Ref.	Data			
Des.	Element			ibutes
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropriate agency	e gov	ernment
		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)		
		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		

### Segment:

# NX2 Location ID Component

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

Μ

3850 N1 Optional Detail Optional >1 To define types and values of a geographic location

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)

#### **Data Element Summary**

Ref. <u>Des.</u> <u> </u> NX201	Data <u>Element</u> 1106	<u>Name</u> Address Compon	ent Qualifier type of address component	<u>Attri</u> M	<u>ibutes</u> ID 2/2
		LD1 (EU-17) = Loc 13=(DWS: APT) 34=(DWS: LOT) 35=(DWS: RM) 36=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT) LD2 (EU-19) = Loc 32=(DWS: FLR) LD3 (EU-21) = Loc	LD1 (EU-17) = Location Designator 1 13=(DWS: APT) 34=(DWS: LOT) 35=(DWS: RM) 36=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT) LD2 (EU-19) = Location Designator 2 32=(DWS: FLR) LD3 (EU-21) = Location Designator 3 12=(DWS: BLDG)		
		30=(DWS: PIER)	) Street Number		
		01 02	Street Number		
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		
		12	Building Name		
		13	Apartment Number		

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	14	Suite Number			
	30	Pier			
		The pier at which a ship or boat is doc	ked		
	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	build	ing	
	36	Slip			
		The slip or location on a pier at which a	a shi	p or l	boat
	07	is docked			
	37				
	20	A unit or separate structure			
	39	Unstructured Property			
	40	Street Suffix			
	59	Street Number Low			
	61	Street Number Fraction			
	62	Street Name Suffix			
400	63	Secondary Unit Identifier			
166	Address Informat		М	AN 1	1/55
	Address informatio				
		ervice Address Number ervice Address Street Name			
		ervice Address Street Directional Prefix	<		
	BOX (EU-23c) = Bc				
	ROUTE (EU-23b) =				
	CITY (EU-24) = Cit	•			
		ssigned House Number ervice Address Street Directional Suffix	,		
		ervice Address Number Prefix			
	· · · · ·	ervice Address Number Suffix			
		ervice Address Street Type			
	LV1 (EU-18) = Loc				
	LV2 (EU-20) = Loc LV3 (EU-22) = Loc				
	$L_{V,0}(L_{0}-Z_{Z}) = L_{0}C$				

NX202

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	4000 N1 Detail Optional 3 To identi directed 1 If eit 2 If eit	Administrative Communications Contact Optional fy a person or office to whom administrative communicati 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	d. d.	hould be
Notes:	PER*CA	*LCON (EU-27)*TE*TEL NO (EU-28)		
		Data Element Summary		
Ref.	Data			
I Des. Des.	Element 366	Name Contact Function Code	Attr M	<u>ibutes</u> ID 2/2
	300			
		Code identifying the major duty or responsibility of the penamed CA Customer Contact Granting Appoint		or group
DEDAA	~~			
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 applicable	area d	code when
		TEL NO (EU-28) = Telephone Number		

	Segment:	SI se	rvice Characteristic Identification					
	Position:	4050						
	Loop:		Optional					
	Level:	Detail						
	Usage:	Optional						
	Max Use:	>1						
	Purpose:	To speci	fy service characteristic data					
Syn	tax Notes:		her SI04 or SI05 is present, then the other is required.					
			her SI06 or SI07 is present, then the other is required.					
			her SI08 or SI09 is present, then the other is required.					
			her SI10 or SI11 is present, then the other is required.					
			her SI12 or SI13 is present, then the other is required.					
			her SI14 or SI15 is present, then the other is required.					
			her SI16 or SI17 is present, then the other is required.					
			her SI18 or SI19 is present, then the other is required.					
Somar	tic Notes:	<b>9</b> II EII	ner SI20 or SI21 is present, then the other is required.					
	omments:	1 SI01	defines the source for each of the service characteristics	ileun	fiors			
Ŭ	Notes:		*AFT (EU-9)	quan	liers.			
	10100.	011174						
			Data Element Summary					
	Ref.	Data		_				
	Des.	Element			ibutes			
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2			
			Code identifying the agency assigning the code values					
			TI Telecommunications Industry					
Μ	SI02	1000	Service Characteristics Qualifier	М	AN 2/2			
			Code from an industry code list qualifying the type of ser characteristics	vice				
			AF Address Format Type					
Μ	SI03	234	Product/Service ID	М	AN 1/48			
			Identifying number for a product or service					
			AFT (EU-9) = Address Format Type					

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Section) 0100 PO1 Detail Mandato 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 15 16 16 16 16 16 16 16 16 16 16	Mandatory	d. d. d. d. d. d. d. d. d. d.	per each
Notes:	No.,	or SKU. *EA***ZZ*EU_DISC [PO1 Loop may repeat]		
Β.	<b>D</b> (	Data Element Summary		
Ref. <u>Des.</u> PO101	Data <u>Element</u> 350	Assigned Identification Alphanumeric characters assigned for differentiation with set	0	<b>ibutes</b> AN 1/20 transaction
PO102	330	"n" = nth assigned ID within PO1 Loop 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 expression         manner in which a measurement has been taken         EA       Each	<b>O</b> essed	<b>ID 2/2</b> , 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 use	ID 2/2 ed in
PO107	234	Product/Service ID Identifying number for a product or service "EU_DISC"	X	AN 1/48

Sema	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ntax Notes: ntax Notes:	0180 PO1 Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 1 SI01	Mandatory fy service char her SI04 or SI0 her SI06 or SI0 her SI10 or SI1 her SI12 or SI1 her SI14 or SI1 her SI16 or SI1 her SI18 or SI1 her SI20 or SI2 defines the so	<ul> <li>b5 is present, then the other is required.</li> <li>b7 is present, then the other is required.</li> <li>b9 is present, then the other is required.</li> <li>c1 is present, then the other is required.</li> <li>c3 is present, then the other is required.</li> <li>c5 is present, then the other is required.</li> <li>c7 is present, then the other is required.</li> <li>c9 is present, then the other is required.</li> <li>c9 is present, then the other is required.</li> <li>c1 is present, then the other is required.</li> <li>c2 is present, then the other is required.</li> <li>c3 is present, then the other is required.</li> <li>c4 is present, then the other is required.</li> <li>c5 is present, then the other is required.</li> <li>c6 is present, then the other is required.</li> </ul>	s quali	fiers.
	Ref.	SI*TI*T6 <sup>•</sup>	TC OPT (EU-5 Data E	7) Ilement Summary		
	Des.	Element	Name		Attr	ibutes
Μ	SI01	559	Agency Qual	lifier Code	М	ID 2/2
			Code identifyi	ng the agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Char	racteristics Qualifier	М	AN 2/2
			Code from an characteristic ND T6	industry code list qualifying the type of se s Disconnect Number Transfer of Call Options	ervice	
М	SI03	234	Product/Serv	•	М	AN 1/48
			Identifying nur	mber for a product or service		
			DISC NBR (E	EU-55) = Disconnect Telephone Number 57) = Transfer of Call Options		

	-	DEE	Reference Identification		
	Segment:		Reference Identification		
	Position:	1000			
	Loop:	PO1	Mandatory		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	>1			
	Purpose:		fy identifying information		
	Syntax Notes:		ast 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	ed.	
S	Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
	Comments:				
	Notes:	REF*IX*I	DNUM (EU-54)*DNUM		
			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
Λ	REF01	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	127	Reference Identification	х	AN 1/30
	NLI VZ	121		~	
			Reference information as defined for a particular Transac	tion t	Set or as
			specified by the Reference Identification Qualifier		
			DNUM (EU-54) = Disconnect Line Number		
	REF03	352	Description	Х	AN 1/80
			A free-form description to clarify the related data elemen	ts an	d their
			content		
			"DNUM"		

	DT	-				
Segment:	DIN	Date/Ti	me Referenc	е		
Position:	2100					
Loop:	PO1	Mandator	v			
Level:	Detail					
Usage:	Optional					
Max Use:	10					
Purpose:	To speci	ify pertinent	dates and tin	nes		
Syntax Notes:	1 At le	east one of	DTM02 DTM0	3 or DTM05 is requi	red.	
-	2 If DT	TM04 is pre	sent, then DT	M03 is required.		
	3 If eit	her DTM05	or DTM06 is	present, then the oth	ner is required.	
Semantic Notes:						
Comments:						
Notes:	DTM*37	6*TC PER{	CCYYMMDD}	(EU-62)		
		Dat	ta Element S	ummary		
Ref.	Data			•		
Des.	Element	Name			Attr	ibutes
M DTM01	374	Date/Tim	e Qualifier		М	ID 3/3
		Code spe	cifying type of	date or time, or bot	h date and time	
		376		very End		
		5/0		•	will and	
			Ine	date that deliveries		
DTM02	373	Date			Х	DT 8/8
		Date expr	essed as CC	YMMDD		
		TC PER (	EU-62) = Tran	sfer of Calls period		
			,	•		

Segment:	SLN Subline Item Detail
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	<b>9</b> If either SLN19 or SLN20 is present, then the other is required.
	<b>10</b> If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	<b>12</b> If either SLN25 or SLN26 is present, then the other is required.
	<b>13</b> If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline level is
	analogous to the level code used in a bill of materials.
	<b>3</b> SLN03 is the configuration code indicating the relationship of the subline item
	to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the
Comments:	associated segment.
Comments.	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> <li>SLN01 is related to (but not necessarily equivalent to) the baseline item</li> </ol>
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to
	baseline number 1.
	<ul> <li>3 SLN09 through SLN28 provide for ten different product/service IDs for each</li> </ul>
	item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model
	No., or SKU.
Notes:	SLN*TCPRI*n*A*1*EA
	Data Element Summary
Ref.	Data
-	

М	Des. SLN01	Element 350	<u>Name</u> Assigned Identification	<u>Attr</u> M	<u>ibutes</u> AN 1/20
			Alphanumeric characters assigned for differentiation with set	in a ti	ransaction
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with set	in a ti	ransaction
			"n" = nth assigned ID within SLN loop		
М	SLN03	662	Relationship Code	Μ	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			1 Always One		
			•		

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

	SLN05	C001	Composite Unit of Measure	Х		
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
М	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			

Segm	ent: SI se	ervice Characteristic Identification							
Posi									
	oop: SLN	Optional							
	evel: Detail								
Us	age: Optional	Optional							
Max	-								
Purp	ose: To spec	To specify service characteristic data							
Syntax No		her 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.							
		ner 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.							
		her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required.							
		her SI20 or SI21 is present, then the other is required.							
Semantic No									
Comme		defines the source for each of the service characteristics	quali	fiers.					
No		*TC TO PRI (EU-58)							
Р	ef. Data	Data Element Summary							
		Name	۸ <del>4 4 ب</del>	ibutes					
	<u>es. Element</u> 101 559	Agency Qualifier Code	M	ID 2/2					
		Code identifying the agency assigning the code values							
		TI Telecommunications Industry							
M S	102 1000	Service Characteristics Qualifier	м	AN 2/2					
		Code from an industry code list qualifying the type of service	vice						
		characteristics	VICE						
		TC Transfer Announcement Number							
M S	103 234	Product/Service ID	м	AN 1/48					
		Identifying number for a product or service							
		TC TO PRI (EU-58) = Transfer of Calls to Primary Number	r						

Segment:	N1 N	lame					
Position:	5350						
Loop:		Optional					
Level:	Detail	Optional					
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.						
Cyntax Hotes.	<ul><li>2 If either N103 or N104 is present, then the other is required.</li></ul>						
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:							
		· · · ·					
		Data Element Summary					
Ref.	Data						
Des.	Element	Name	Attributes				
N101	98	Entity Identifier Code	M ID 2/3				
		Code identifying an organizational entity, a physical I an individual TT Transfer To	location, property or				
N102	93	an individual	location, property or X AN 1/60				
N102	93	an individual TT Transfer To					

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	5800 N1 Detail Optional 12 To speci <b>1</b> At le <b>2</b> If eit <b>3</b> If eit <b>1</b> REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is not contains data relating to the value cited in REF0         Output         Description         Optional	required.	
Notes:	REF*55*	TCID (EU-58a)*PRI		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>			<u>ibutes</u>
REF01	128	Reference Identification Qualifier	М	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 Tr specified by the Reference Identification Qualifier TCID (EU-58a) = Transfer of Calls to Identifier	ransaction S	Set or as
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data el content	ements and	d their
		"PRI"		

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4700 SLN Detail Optional 1	Subline Item Detail Optional		
Purpose: Syntax Notes:	To speci 1 If eitl 2 If SL 3 If SL 4 If eitl 5 If eitl 6 If eitl 7 If eitl 9 If eitl 10 If eitl 11 If eitl	fy product subline detail item data her SLN04 or SLN05 is present, then the other is re- N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is re- her SLN11 or SLN12 is present, then the other is re- her SLN13 or SLN14 is present, then the other is re- her SLN15 or SLN16 is present, then the other is re- her SLN17 or SLN18 is present, then the other is re- her SLN19 or SLN20 is present, then the other is re- her SLN19 or SLN20 is present, then the other is re- her SLN21 or SLN22 is present, then the other is re- her SLN23 or SLN24 is present, then the other is re- her SLN25 or SLN26 is present, then the other is re-	quired. quired. quired. quired. quired. quired. quired. quired. quired.	
Semantic Notes:	<ol> <li>SLN</li> <li>SLN</li> <li>anale</li> <li>SLN</li> <li>to th</li> <li>SLN</li> </ol>	her SLN27 or SLN28 is present, then the other is re- 01 is the identifying number for the subline item. 02 is the identifying number for the subline level. Th ogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationsh e baseline item. 08 is a code indicating the relationship of the price of ciated segment.	e subline le	ubline item
Comments:	1 See 2 SLN num base 3 SLN item	the Data Element Dictionary for a complete list of II 01 is related to (but not necessarily equivalent to) th ber. Example: 1.1 or 1A might be used as a subline line number 1. 09 through SLN28 provide for ten different product/se For example: Case, Color, Drawing No., U.P.C. No	ne baseline number to ervice IDs fo	relate to or each
Notes:		or SKU. SEC*n*A*1*EA [SLN Loop may repeat]		
		Data Element Summary		
Ref. <u>Des.</u> SLN01	Data <u>Element</u> 350	<u>Name</u> Assigned Identification Alphanumeric characters assigned for differentiation set	М	ibutes AN 1/20 ransaction
SLN02	350	"TCSEC" Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within SLN loop	<b>O</b> on within a t	AN 1/20 transaction
SLN03	662	Relationship Code       Code indicating the relationship between entities       A     Add	Μ	ID 1/1
SLN04	380	AAddQuantityNumeric value of quantity1Always One	х	R 1/15

	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed	, or

	Segment:	SI Se	rvice Characteristic Identification		
	Position:	4800			
	Loop:	SLN	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	>1			
	Purpose:	To speci	fy service characteristic data		
Sy	ntax Notes:		her SI04 or SI05 is present, then the other is required.		
			her SI06 or SI07 is present, then the other is required.		
			her SI08 or SI09 is present, then the other is required.		
			her SI10 or SI11 is present, then the other is required.		
			her SI12 or SI13 is present, then the other is required.		
			her SI14 or SI15 is present, then the other is required.		
			her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required.		
			her SI20 or SI21 is present, then the other is required.		
Sem	antic Notes:	• • • •			
••••	Comments:	1 SI01	defines the source for each of the service characteristics	s quali	fiers.
	Notes:		*TC TO SEC (EU-59)		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name	۸ttr	ibutes
М	<u>Des.</u> SI01	<u>559</u>	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	vice	
			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 N	umbe	r

Segment:	N1 ⊾	ame	
Position:	5350		
Loop:		Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identi	fy a party by type of organization, name, and code	
Syntax Notes:	1 At le	ast one of N102 or N103 is required.	
-		ner N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	orga mus party <b>2</b> N105	5 and N106 further define the type of entity in N101.	Code" (N104)
Notes:	N1*TT*T	C NAME (EU-61)	
Ref.	Data	Data Element Summary	
Des.	Element	Name	Attributes
<u>Des.</u> N101	<u>98</u>	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical lo an individual TT Transfer To	
N102	93	Name Free-form name	X AN 1/60
		TC NAME (EU-61) = Transfer of Calls to Name	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5800 N1 Detail Optional 12 To speci 1 At le 2 If eitt 3 If eitt 1 REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is req         her C04005 or C04006 is present, then the other is req         04 contains data relating to the value cited in REF02.         TCID (EU-60)*SEC		
Ref. Des.	Data Element	Data Element Summary	Attr	ibutes
I REF01	128	Reference Identification QualifierCode qualifying the Reference Identification55Sequence Number	M	ID 2/3
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transpecified by the Reference Identification Qualifier TCID (EU-60) = Transfer of Calls to Identifier	X saction S	AN 1/30 Set or as
REF03	352	Description A free-form description to clarify the related data elem content "SEC"	X nents and	AN 1/80 d their

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1         If PC           2         If PC           3         If eit           4         If eit           5         If eit           6         If eit           7         If eit	Mandatory fy basic and most frequently used line item data 2103 is present, then PO102 is required. 2105 is present, then PO104 is required. 2105 her PO106 or PO107 is present, then the other is required 2106 her PO108 or PO109 is present, then the other is required 2107 her PO110 or PO111 is present, then the other is required 2108 her PO112 or PO113 is present, then the other is required 2109 her PO112 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 is present, then the other is required 2109 her PO114 or PO115 her PO115 h	1. 1. 1. 1.	ion)
Semantic Notes: Comments:	<ul> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> <li>12 If eit</li> <li>12 If eit</li> <li>1 See</li> <li>2 PO1</li> <li>3 PO1</li> <li>item</li> </ul>	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 the Data Element Dictionary for a complete list of IDs. 01 is the line item identification. 06 through PO125 provide for ten different product/service . For example: Case, Color, Drawing No., U.P.C. No., ISE or SKU.	1. 1. 1. IDs p	
Notes:		*EA***ZZ*RE [PO1 Loop repeats RSQTY (RE-5) times ]		
		Data Element Summary		
Ref.	Data	-		
Des.	Element		Attr O	ibutes
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation with set "n" = nth assigned ID within PO1 Loop	•	AN 1/20 transaction
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
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> essed	<b>ID 2/2</b> , or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	er use	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"RE"		

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*LNA (RE-12)
	SI*TI*TN*TNS (RE-15)
	SI*TI*OT*OTN (RE-19)
	SI*TI*T6*TC OPT (RE-35)
	SI*TI*LZ*LSCP (RE-53)
	SI*TI*NQ*NPI (RE-11)

## Data Element Summary

	Ref.	Data Element	Nama	-	A 44 m	ibutoo
м	<u>Des.</u> SI01	Element 559	Name Agency Qualifie	r Code	M ALL	<u>ibutes</u> ID 2/2
		000	• •	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000		eristics Qualifier	м	AN 2/2
IAI	5102	1000				
			characteristics	ustry code list qualifying the type of ser	vice	
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			OT	Out Telephone Number		
			SA	Service Activity		
			T6	Transfer of Calls Options		
				•		
	0100		TN	Telephone Number		
М	SI03	234	Product/Service		М	AN 1/48
				r for a product or service		
			LNA (RE-12) = Li			
			CT= (DWS: X-T			
			C= (DWS: C-C	0,		
			A= (DWS: N-Ne D= (DWS: D-Di	,		
				onversion of service as specified)		
			P= (DWS: P-PI			
				asonal Suspend)		
			(			
			TNS (RE-15) = Te	elephone Numbers		
		_				

OTN (RE-19) = Out Telephone Number TC OPT (RE-35) = Transfer of Calls Options LSCP (RE-53) = Local Service Provider Change Prohibited NPI (RE-11) = Number Portability Indicator

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 eitt 3 If eitt 1 REF	Reference Identification Mandatory iy 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.	
		SAN (RE-26)	
Ref.	Data	Data Element Summary	
<u>Des.</u> I REF01	Element 128	Name Reference Identification Qualifier	<u>Attributes</u> M ID 2/3
	120	Code qualifying the Reference Identification AE Authorization for Expense (AFE) Num 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 LNUM (RE-9) = Line Number SAN (RE-26) = Subscriber Authorization Number	on Set or as
REF03	352	Description A free-form description to clarify the related data elements content "LNUM"	X AN 1/80 and their

			-			
	Segment:	DTN	Date/Time Ref	ference		
	Position:	2100				
	Loop:	PO1	Mandatory			
	Level:	Detail				
	Usage:	Optional				
	Max Use:	10				
	Purpose:	•	ify pertinent dates a			
ŝ	Syntax Notes:			DTM03 or DTM05 is required.		
				en DTM03 is required.		
0		3 If eit	her DTM05 or DTM	106 is present, then the other is require	ed.	
Ser	nantic Notes: Comments:					
	Notes:	DTM*37	6*TC PER{CCYYM			
	10103.					
			Data Flor	nent Summary		
	Ref.	Data	Data Lich			
	Des.	Element	Name		Attr	ibutes
1	DTM01	374	Date/Time Qual	ifier	M	ID 3/3
			Code specifying t	ype of date or time, or both date and	time	
			376	Delivery End		
			010	The date that deliveries will end		
	DTMOO	070	Data	The date that deliveries will end	v	
	DTM02	373	Date		Х	DT 8/8
			Date expressed a			
			TC PER (RE-40)	= Transfer of Calls Period		

Segment:	N1 N	Name	
Position:	3500		
Loop:		Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identi	ify a party by type of organization, name, and c	code
Syntax Notes:		east one of N102 or N103 is required.	
	2 If eit	ther N103 or N104 is present, then the other is	required.
Semantic Notes:			
Comments:	orga	s segment, used alone, provides the most efficient anizational identification. To obtain this efficience	y the "ID Code" (N104)
		t provide a key to the table maintained by the	transaction processing
	party		11.01
Notes:		5 and N106 further define the type of entity in N 41*PIC (RE-30)	N101.
10163.	NIF3 -	41 FIC (IL-30)	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	Name	Attributes
		<u>Name</u> Entity Identifier Code	M ID 2/3
Des.	<u>Element</u>	Name Entity Identifier Code Code identifying an organizational entity, a ph an individual	M ID 2/3
Des.	<u>Element</u>	<u>Name</u> Entity Identifier Code Code identifying an organizational entity, a ph	M ID 2/3 hysical location, property or
Des.	<u>Element</u>	Name Entity Identifier Code Code identifying an organizational entity, a ph an individual	M ID 2/3 nysical location, property or arrier (PIC)
Des.	<u>Element</u>	NameEntity Identifier CodeCode identifying an organizational entity, a phan individualP9Primary Interexchange Ca	M ID 2/3 nysical location, property or arrier (PIC)
Des.	<u>Element</u>	Name Entity Identifier CodeCode identifying an organizational entity, a pr an individual P9P9Primary Interexchange Ca Identifies the carrier who we	M ID 2/3 nysical location, property or arrier (PIC)
<u>Des.</u> 1 N101	Element 98	Name Entity Identifier CodeCode identifying an organizational entity, a pr an individual P9P9Primary Interexchange Ca Identifies the carrier who w interexchange calls	M ID 2/3 nysical location, property or arrier (PIC) will handle the X ID 1/2
<u>Des.</u> 1 N101	Element 98	Name         Entity Identifier Code         Code identifying an organizational entity, a prant individual         P9       Primary Interexchange Call         Identifies the carrier who winterexchange calls         Identification Code Qualifier         Code designating the system/method of code	M ID 2/3 hysical location, property or arrier (PIC) will handle the X ID 1/2 e structure used for
<u>Des.</u> 1 N101	Element 98	Name         Entity Identifier Code         Code identifying an organizational entity, a phan individual         P9       Primary Interexchange Call         Identifies the carrier who winterexchange calls         Identification Code Qualifier         Code designating the system/method of code         Identification Code (67)         41         Telecommunications Carrier         Identifies the Interexchange	M ID 2/3 hysical location, property or arrier (PIC) will handle the X ID 1/2 e structure used for fier Identification Code
<u>Des.</u> 1 N101	Element 98	Name         Entity Identifier Code         Code identifying an organizational entity, a phan individual         P9       Primary Interexchange Call         Identifies the carrier who winterexchange calls         Identification Code Qualifier         Code designating the system/method of code         Identification Code (67)         41	M ID 2/3 hysical location, property or arrier (PIC) will handle the X ID 1/2 e structure used for fier Identification Code
<u>Des.</u> 1 N101 N103	Element 98 66	Name         Entity Identifier Code         Code identifying an organizational entity, a prant individual         P9       Primary Interexchange Call         Identifies the carrier who with the carrer who withe carrier who with the carrer who withe carrer who with	M ID 2/3 hysical location, property or arrier (PIC) will handle the X ID 1/2 e structure used for tier Identification Code ge carrier for the charges
<u>Des.</u> 1 N101 N103	Element 98 66	Name         Entity Identifier Code         Code identifying an organizational entity, a phan individual         P9       Primary Interexchange Call         Identifies the carrier who winterexchange calls         Identification Code Qualifier         Code designating the system/method of code         Identification Code (67)         41         Telecommunications Carrier         Identifies the Interexchange         being billed	M ID 2/3 hysical location, property or arrier (PIC) will handle the X ID 1/2 e structure used for fier Identification Code ge carrier for the charges X AN 2/80

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3500 N1 Detail Optional 1 To identi 1 At le 2 If eit 1 This orga mus party	ast one of N102 or N10 her N103 or N104 is pre segment, used alone, p nizational identification. t provide a key to the ta /.	esent, then the other is required. provides the most efficient method of To obtain this efficiency the "ID Co ble maintained by the transaction	ode"	(N104)
Notes:	<ul> <li>N105 and N106 further define the type of entity in N101.</li> <li>N1*8V**41*LPIC (RE-31)</li> </ul>				
Ref.	Data	Data Element	Summary		
Des.	Element	Name		Attr	ibutes
N101	98	Entity Identifier Code	Ģ	М	ID 2/3
		an individual 8V Pri	ganizational entity, a physical locat mary Intra-LATA (Local Access Tra rrier		
N103	66	Identification Code	Qualifier	Х	ID 1/2
		Identification Code (67 41 Te Ide be	system/method of code structure u ) lecommunications Carrier Identifica entifies the Interexchange carrier fo ing billed	ition r the	Code charges
N104	67	Identification Code		Х	AN 2/80
		Code identifying a part	-		
		LPIC (RE-31) = IntraLA	ATA Pre-subscription Indicator Cod	е	

Segment:	SLN Subline Item Detail	
Position:	4700	
Loop:	SLN Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify product subline detail item data	
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.	
	2 If SLN07 is present, then SLN06 is required.	
	3 If SLN08 is present, then SLN06 is required.	
	4 If either SLN09 or SLN10 is present, then the other is required.	
	5 If either SLN11 or SLN12 is present, then the other is required.	
	6 If either SLN13 or SLN14 is present, then the other is required.	
	7 If either SLN15 or SLN16 is present, then the other is required.	
	8 If either SLN17 or SLN18 is present, then the other is required.	
	<b>9</b> If either SLN19 or SLN20 is present, then the other is required.	
	<b>10</b> If either SLN21 or SLN22 is present, then the other is required.	
	11 If either SLN23 or SLN24 is present, then the other is required.	
	<b>12</b> If either SLN25 or SLN26 is present, then the other is required.	
	<b>13</b> If either SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:	1 SLN01 is the identifying number for the subline item.	
	2 SLN02 is the identifying number for the subline level. The subline level is	
	analogous to the level code used in a bill of materials.	4
	3 SLN03 is the configuration code indicating the relationship of the subline is to the baseline item.	tem
	to the baseline item.	
	4 SLN08 is a code indicating the relationship of the price or amount to the	
Comments:	<ul><li>associated segment.</li><li>See the Data Element Dictionary for a complete list of IDs.</li></ul>	
Comments.	<ul> <li>See the Data Element Dictionary for a complete list of 1Ds.</li> <li>SLN01 is related to (but not necessarily equivalent to) the baseline item</li> </ul>	
	number. Example: 1.1 or 1A might be used as a subline number to relate	to
	baseline number 1.	10
	<ul><li>3 SLN09 through SLN28 provide for ten different product/service IDs for each</li></ul>	,
	item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Mod	
	No., or SKU.	
Notes:	SLN*TCPRI*n*A*1*EA	
	Data Element Summary	
Ref.	Data	
Des.	Element Name Attributes	

м	Des. SLN01	Element 350	<u>Name</u> Assigned Identification	<u>Attri</u> M	<u>ibutes</u> AN 1/20
			Alphanumeric characters assigned for differentiation with set	in a ti	ransaction
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with set	in a t	ransaction
			"n" = nth assigned ID within SLN loop		
М	SLN03	662	Relationship Code	Μ	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			1 Always One		

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

	Segment:	SI Se	rvice Characteristic Identification					
	Position:	4800						
	Loop:	SLN	Optional					
	Level:	Detail						
	Usage:	Optional						
	Max Use:	>1						
	Purpose:	•	fy service characteristic data					
Sy	ntax Notes:		her SI04 or SI05 is present, then the other is required.					
			If either SI06 or SI07 is present, then the other is required.					
			If either SI08 or SI09 is present, then the other is required.					
			her SI10 or SI11 is present, then the other is required.					
			her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required.					
			her SI16 or SI17 is present, then the other is required.					
			her SI18 or SI19 is present, then the other is required.					
			her SI20 or SI21 is present, then the other is required.					
Sema	antic Notes:							
	Comments:		defines the source for each of the service characteristics	s quali	fiers.			
	Notes:	SI*TI*TC	*TC TO PRI (RE-38)					
			Data Element Summary					
	Ref.	Data	Data Elonioni Gannary					
	Des.	Element	Name	Attr	ibutes			
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 ser characteristics	vice				
			TC Transfer Announcement Number					
М	SI03	234	Product/Service ID	Μ	AN 1/48			
			Identifying number for a product or service					
			TC TO PRI (RE-38) = Transfer of Calls to Primary Numb	er				

Segment:	N1 ⊾	lame			
Position:	5350				
Loop:	N1	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To identi	fy a party by type of organization, name, and cod	e		
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 rec	juired.		
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*T	C NAME (RE-38b)			
Ref.	Data	Data Element Summary			
Des.	Element	Name	Attributes		
N101	98	Entity Identifier Code	M ID 2/3		
		Code identifying an organizational entity, a phys an individual TT Transfer To	ical location, property or		
N102	93	Name	X AN 1/60		
		Free-form name			
		TC NAME (RE-38b) = Transfer of Calls to Name			

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5800 N1 Detail Optional 12 To speci <b>1</b> At le <b>2</b> If eit <b>3</b> If eit <b>1</b> REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is         her C04005 or C04006 is present, then the other is         04 contains data relating to the value cited in REF0	required.	
Notes:	REF 55"	TCID (RE-38a)*PRI		
		Data Element Summary		
Ref. <u>Des.</u> 1 REF01	Data <u>Element</u> 128	Reference Identification Qualifier	<u>Attr</u> M	<u>ibutes</u> ID 2/3
		Code qualifying the Reference Identification55Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier TCID (RE-38a) = Transfer of Calls to Identifier	ransaction \$	Set or as
REF03	352	Description A free-form description to clarify the related data e content "PRI"	X lements and	AN 1/80 d their

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4700 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 11 If eit 12 If eit 13 If eit 13 If eit 13 SLN 2 SLN	Subline Item Detail Optional fy product subline detail item data her SLN04 or SLN05 is present, then the other is red N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is red her SLN11 or SLN12 is present, then the other is red her SLN13 or SLN14 is present, then the other is red her SLN15 or SLN16 is present, then the other is red her SLN17 or SLN18 is present, then the other is red her SLN19 or SLN20 is present, then the other is red her SLN21 or SLN22 is present, then the other is red her SLN23 or SLN24 is present, then the other is red her SLN25 or SLN26 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN27 or SLN28 is present, then the other is red her SLN28 is present, then the other is red her SLN28 is present, then the other is red her SLN28 i	quired. quired. quired. quired. quired. quired. quired. quired. quired. quired.	evel is	
Comments:	<ul> <li>3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.</li> <li>4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.</li> </ul>				
	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> <li>SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.</li> <li>SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>				
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]			
		Data Element Summary			
Ref.	Data		• • •		
<u>Des.</u> SLN01	<u>Element</u> 350	Name Assigned Identification	<u>Attr</u> M	<u>ributes</u> AN 1/20	
		Alphanumeric characters assigned for differentiatio set "TCSEC"	n within a t	ransaction	
SLN02	350	Assigned Identification	0	AN 1/20	
		Alphanumeric characters assigned for differentiatio set "n" = nth assigned ID within SLN loop	n within a t	ransaction	
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			
		1 Always One			

	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	lix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being exprese manner in which a measurement has been taken EA Each	ssed	, or

:	Segment:	SI Se	rvice Characteristic Identification		
	Position:	4800			
	Loop:	SLN	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	>1			
	Purpose:	To speci	fy service characteristic data		
Synt	ax Notes:		her SI04 or SI05 is present, then the other is required.		
			her SI06 or SI07 is present, then the other is required.		
			her SI08 or SI09 is present, then the other is required.		
			her SI10 or SI11 is present, then the other is required.		
			her SI12 or SI13 is present, then the other is required.		
			her SI14 or SI15 is present, then the other is required.		
			her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required.		
			her SI20 or SI21 is present, then the other is required.		
Seman	tic Notes:	••			
C	omments:	1 SI01	defines the source for each of the service characteristics	quali	fiers.
	Notes:		*TC TO SEC (RE-39)	·	
			Dete Flement Comment		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Δttr	ibutes
М	SI01	559	Agency Qualifier Code	M	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 ser	vice	
			characteristics		
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (RE-39) = Transfer of Calls To Secondary N	umbe	r

Segment:	N1 N	Name			
Position:	5350				
Loop:		Optional			
Level:	Detail	optional			
Usage:	Optional				
Max Use:	1				
Purpose:	To identi	ifv a party by type	of organization, name, and c	ode	
Syntax Notes:			or N103 is required.		
eymax neteel			is present, then the other is r	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:		C NAME (RE-42)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Ref.	Data	Data Eler	nent Summary		
	Element	Name		Attributes	
<u>Des.</u> N101	<u>98</u>	Entity Identifier	Code	M ID 2/3	
Nor	30	-	an organizational entity, a ph Transfer To		
N102	93	<b>Name</b> Free-form name		X AN 1/60	
		TC NAME (RE-4	2) = Transfer of Calls to Name	Э	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5800 N1 Detail Optional 12 To speci <b>1</b> At le <b>2</b> If eit <b>3</b> If eit <b>1</b> REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is req         her C04005 or C04006 is present, then the other is req         04 contains data relating to the value cited in REF02.         TCID (RE-41)*SEC		
Notes.	KEF 55			
Ref.	Data	Data Element Summary		
<u>Des.</u> I REF01	Element 128	NameReference Identification QualifierCode qualifying the Reference Identification55Sequence Number	<u>Attr</u> M	<u>ibutes</u> ID 2/3
REF02	127	Reference Identification Reference information as defined for a particular Tran specified by the Reference Identification Qualifier TCID (RE-41) = Transfer of Calls to Identifier	X saction S	AN 1/30 Set or as
REF03	352	Description A free-form description to clarify the related data elem content "SEC"	X nents and	AN 1/80 d their

•		Subline Item Detail		
Segment: Position: Loop: Level: Usage: Max Use:	4700 SLN Detail Optional 1	Optional		
Purpose: Syntax Notes:	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 9 If eit 10 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 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 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	ed. ed. ed. ed. ed. ed. ed. ed.	
Semantic Notes:	12 If eit 13 If eit 1 SLN 2 SLN anal 3 SLN to th 4 SLN	her SLN25 or SLN24 is present, then the other is require her SLN25 or SLN26 is present, then the other is require oner SLN27 or SLN28 is present, then the other is require 01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The su ogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of e baseline item. 08 is a code indicating the relationship of the price or ar inciated segment.	ed. ed. bline le f the su	ubline item
Comments:	1 See 2 SLN num base 3 SLN item	the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baber. Example: 1.1 or 1A might be used as a subline num line number 1. 09 through SLN28 provide for ten different product/servic . For example: Case, Color, Drawing No., U.P.C. No., IS or SKU.	nber to e IDs fo	relate to or each
Notes:	SLN*IW*	n*A*IWJQ (RE-49)*EA****EQ*IWJK (RE-48) [SLN Loop iring pair]	may re	peat per
	_	Data Element Summary		
Ref. <u>Des.</u> M SLN01	Data <u>Element</u> 350	Name Assigned Identification Alphanumeric characters assigned for differentiation wi set "IW"	М	ibutes AN 1/20 ransaction
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation wi set "n" = nth assigned ID within SLN loop	<b>O</b> thin a t	AN 1/20 ransaction
M SLN03	662	Relationship Code         Code indicating the relationship between entities         A       Add	Μ	ID 1/1
SLN04	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
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			IWJQ (RE-49) = Inside Wire Jack Quantity		
	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures Ap examples of use) <b>Unit or Basis for Measurement Code</b>	penc M	lix for ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed	, or
	SLN09	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) EQ Equipment Type	er use	ed in
	SLN10	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			IWJK (RE-48) = Inside Wire Jack Code		

Segment:	SLN Subline Item Detail
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	9 If either SLN19 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline level is
	analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the subline item
	to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the
	associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item
	number. Example: 1.1 or 1A might be used as a subline number to relate to
	baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each
	item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model
	No., or SKU.
Notes:	SLN*BL*n*A*1*EA
	Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			ibutes
Μ	SLN01	350	Assigned Identif	ication	Μ	AN 1/20
			Alphanumeric cha set	racters assigned for differentiation withi	n a tr	ransaction
			"BL"			
	SLN02	350	<b>Assigned Identif</b>	ication	0	AN 1/20
			Alphanumeric cha	racters assigned for differentiation within	n a tr	ansaction
			set			
			"n" = nth assigned	I ID within SLN loop		
М	SLN03	662	<b>Relationship Cod</b>	de	Μ	ID 1/1
			Code indicating th	e relationship between entities		
			А	Add		
	SLN04	380	Quantity		Х	R 1/15
			Numeric value of	quantity		
			1	Always One		
				-		

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

Synt	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: tic Notes:	4800 SLN Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit	ify service characteristic data her SI04 or SI05 is present, then the other is required. her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI10 or SI11 is present, then the other is required. her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required.	qual	ifiers.
	Notes:	SI*TI*BB	*BA (RE-54)*TB*BLOCK (RE-55)		
м	Ref. <u>Des.</u> SI01	Data <u>Element</u> 559	Data Element Summary <u>Name</u> Agency Qualifier Code	<u>Attr</u> M	ibutes ID 2/2
			Code identifying the agency assigning the code valuesTITelecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics BB Blocking Activity	vice	
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
	SI04	1000	BA (RE-54) = Blocking Activity Service Characteristics Qualifier	х	AN 2/2
	3104	1000	Code from an industry code list qualifying the type of ser characteristics TB Blocking/Billing Exception		AN 2/2
	SI05	234	Product/Service ID Identifying number for a product or service BLOCK (RE-55) = Block	X	AN 1/48

Purpose         To specify product subline detail item data           Syntax Notes:         1         If either SLN04 or SLN05 is present, then SLN06 is required.           2         If SLN07 is present, then SLN06 is required.         3           3         If SLN06 is present, then SLN06 is required.         4           4         If either SLN17 or SLN14 is present, then the other is required.           5         If either SLN17 or SLN18 is present, then the other is required.           6         If either SLN17 or SLN18 is present, then the other is required.           7         If either SLN21 or SLN22 is present, then the other is required.           10         If either SLN27 or SLN22 is present, then the other is required.           11         If either SLN27 or SLN22 is present, then the other is required.           12         If either SLN27 or SLN28 is present, then the other is required.           13         If either SLN27 or SLN28 is present, then the other is required.           14         If either SLN28 or SLN28 is present, then the other is required.           15         SLN03 is the configuration code indicating the relationship of the subline level is analogous to the level code used an a buli of materials.           3         SLN03 is suble onliguration code indicating the relationship of the price or amount to the associated segment.           2         SLN04 is cade indicating the relationship of the price or level is	Segment: Position: Loop: Level: Usage: Max Use:	SLN 4700 SLN Detail Optional 1	Subline Item Detail Optional		
12       If either SLN25 or SLN26 is present, then the other is required.         13       If either SLN27 or SLN28 is present, then the other is required.         14       If either SLN27 or SLN28 is present, then the other is required.         15       SLN01 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.         2       SLN02 is the configuration code indicating the relationship of the subline item to the baseline item.         2       SLN08 is a code indicating the relationship of the price or amount to the associated segment.         2       SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.         3       SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.         Notes:       SLN*FA*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]         Data Element Summary         Ref.       Data         Des       Element         SLN01       350         Assigned Identification       O AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set         "FA"       SLN02         350       Assigned Identification         O AN 1/20       Alphanumeric characters assigned	Purpose:	To specir 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith 10 If eith	her SLN04 or SLN05 is present, then the other is requir N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is requir her SLN11 or SLN12 is present, then the other is requir her SLN13 or SLN14 is present, then the other is requir her SLN15 or SLN16 is present, then the other is requir her SLN17 or SLN16 is present, then the other is requir her SLN17 or SLN18 is present, then the other is requir her SLN19 or SLN20 is present, then the other is requir her SLN19 or SLN20 is present, then the other is requir	red. red. red. red. red. red. red.	
Comments:       1       See the Data Element Dictionary for a complete list of IDs.         2       SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.         3       SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.         Notes:       SLN*FA*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]         Data Element Summary         Ref.       Data         Des.       Element         SLN01       350         Assigned Identification       M AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set         "FA"         SLN02       350         Assigned Identification       O AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set         "n" = nth assigned ID within SLN loop         SLN03       662         Relationship Code       M ID 1/1         Code indicating the relationship between entities         A       Add         SLN04       380       Quantity         X       R 1/15         Numeric value of quantity       X	Semantic Notes:	12 If eith 13 If eith 1 SLN 2 SLN 2 SLN 3 SLN to th 4 SLN	ner SLN25 or SLN26 is present, then the other is requir ner SLN27 or SLN28 is present, then the other is requir 01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The su- ogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the baseline item. 08 is a code indicating the relationship of the price or a	red. red. ubline le of the su	ubline item
Notes:       SLN*FA*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]         Data       Data Element Summary         Ref.       Data         Des.       Element       Name       Attributes         SLN01       350       Assigned Identification       M       AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "FA"         SLN02       350       Assigned Identification       O       AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "n" = nth assigned Identification       O       AN 1/20         SLN02       350       Assigned Identification       O       AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "n" = nth assigned ID within SLN loop       M       ID 1/1         Code indicating the relationship between entities       A       Add       Add       X       R 1/15         SLN04       380       Quantity       X       R 1/15       Numeric value of quantity       X       R 1/15	Comments:	1 See 2 SLN num base 3 SLN item.	the Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the b ber. Example: 1.1 or 1A might be used as a subline nu line number 1. D9 through SLN28 provide for ten different product/servic For example: Case, Color, Drawing No., U.P.C. No., I	mber to ce IDs fo	relate to or each
Ref.       Data       Attributes         Des.       Element       Name       Attributes         SLN01       350       Assigned Identification       M AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "FA"         SLN02       350       Assigned Identification       O AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "Tassaction"         "TA"       O AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "In" = nth assigned ID within SLN loop         SLN03       662       Relationship Code       M ID 1/1         Code indicating the relationship between entities       A Add       Add         SLN04       380       Quantity       X R 1/15         Numeric value of quantity       X R 1/15       X	Notes:			uir]	
Des.       Element       Name       Attributes         350       Assigned Identification       M       AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "FA"			Data Element Summary		
SLN01       350       Assigned Identification       M       AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "FA"			Name	Attr	ibutes
set       "FA"         SLN02       350       Assigned Identification       O       AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       "n" = nth assigned ID within SLN loop       Image: Code indicating the relationship between entities         SLN03       662       Relationship Code       M       ID 1/1         Code indicating the relationship between entities       A       Add         SLN04       380       Quantity       X       R 1/15         Numeric value of quantity       X       R 1/15					
Alphanumeric characters assigned for differentiation within a transaction set         "n" = nth assigned ID within SLN loop         SLN03       662         Relationship Code       M ID 1/1         Code indicating the relationship between entities         A       Add         SLN04       380       Quantity         X       R 1/15         Numeric value of quantity       X			set	ithin a t	ransaction
SLN03       662       Relationship Code       M       ID 1/1         Code indicating the relationship between entities       A       Add         SLN04       380       Quantity       X       R 1/15         Numeric value of quantity       Numeric value of quantity       X       R 1/15	SLN02	350	Alphanumeric characters assigned for differentiation w set	-	
Numeric value of quantity	SLN03	662	Code indicating the relationship between entities	Μ	ID 1/1
	SLN04	380	<b>Quantity</b> Numeric value of quantity	Х	R 1/15

	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	lix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	ssed,	or

	Segment: Position: Loop: Level:	4800 SLN Detail	rvice Characteristic Identification Optional		
	Usage: Max Use: Purpose: Syntax Notes:	1 If eit 2 If eit 3 If eit	fy service characteristic data her SI04 or SI05 is present, then the other is required. her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI10 or SI11 is present, then the other is required.		
:	Semantic Notes:	<ol> <li>If eit</li> <li>If eit</li> <li>If eit</li> <li>If eit</li> <li>If eit</li> <li>If eit</li> </ol>	her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI20 or SI21 is present, then the other is required.		
	Comments: Notes:	SI*TI*SA	defines the source for each of the service characteristics *FA (RE-58)*SC*FEATURE (RE-59) *FEATURE DETAIL (RE-60) [SI Segment may repeat]	qual	ifiers.
			Data Element Summary		
	Ref. Des.	Data <u>Element</u>	Name	Δttr	ibutes
М	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	vice	
			FD Feature Data		
84	6103	024	SA Service Activity Product/Service ID	N/1	A NI 4/40
Μ	SI03	234		М	AN 1/48
			Identifying number for a product or service FA (RE-58) = Feature Activity A = (DWS: N- Add) C = (DWS: C-Change (old values)) D = (DWS: D-Disconnect) V = (DWS: V-Conversion as specified) T = (DWS: T-Change (new values))		
	SI04	1000	FEATURE DETAIL (RE-60) = Feature Detail Service Characteristics Qualifier	Х	AN 2/2
	3104	1000	Code from an industry code list qualifying the type of serv characteristics SC Service Category		AN 2/2
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			FEATURE (RE-59) = Feature Codes		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1If PC2If PC3If eit4If eit5If eit6If eit7If eit8If eit9If eit10If eit	Mandatory	5. 5. 5. 5. 5. 5. 5. 5. 5.	n)
Semantic Notes: Comments:	12 If eit 1 See 2 PO1 3 PO1 item	the Data Element Dictionary for a complete list of IDs. 01 is the line item identification. 06 through PO125 provide for ten different product/service . For example: Case, Color, Drawing No., U.P.C. No., ISE or SKU.	d. IDs j	
Notes:		*EA***ZZ*DA [PO1 Loop repeats DDQTY (DL-23) times]		
<b>D</b> .(	<b>D</b>	Data Element Summary		
Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attı	ibutes
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with set "n" = nth assigned ID within PO1 Loop	iin a t	ransaction
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	Ο	ID 2/2
		Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	essed	, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er us	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"DA"		

Segment: Position: Loop: Level:	SI se 0180 PO1 Detail	ervice Characteristic Identification Mandatory		
Usage:	Optional			
Max Use:	>1			
Purpose:		fy service characteristic data		
Syntax Notes: Semantic Notes: Comments: Notes:	<ul> <li>2 If eit</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>1 SI01</li> </ul>	her SI04 or SI05 is present, then the other is required. her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI10 or SI11 is present, then the other is required. her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required.	s quali	fiers.
		Data Element Summary		
Ref.	Data			
M SI01	Element 559	<u>Name</u> Agency Qualifier Code	<u>Attr</u> M	ibutes ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI02	1000	Service Characteristics Qualifier	М	AN 2/2
		Code from an industry code list qualifying the type of se characteristics AD Address Activity	rvice	
M SI03	234	Product/Service ID	М	AN 1/48
		Identifying number for a product or service		
		DACT (DL-81) = Delivery Activity		

Se	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: emantic Notes: Comments: Notes:	2930 QTY Detail Optional 1 To speci 1 At le 2 Only 1 QTY	Quantity Optional fy quantity information ast one of QTY02 or QTY04 is required. one of QTY02 or QTY04 may be present. '04 is used when the quantity is non-numeric.		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Δttr	ibutes
М	QTY01	673	Quantity Qualifier		ID 2/2
		0/5		M	
		015	•	IVI	10 2/2
		010	Code specifying the type of quantity	IVI	
	QTY02		Code specifying the type of quantity31Additional Demand Quantity	M X	R 1/15
		380	Code specifying the type of quantity31Additional Demand QuantityQuantity		-
			Code specifying the type of quantity 31 Additional Demand Quantity <b>Quantity</b> Numeric value of quantity	x	R 1/15
	QTY02	380	Code specifying the type of quantity 31 Additional Demand Quantity Quantity Numeric value of quantity DIRQTYA (DL-103) = Number of Directories for Annual	x	R 1/15
			Code specifying the type of quantity 31 Additional Demand Quantity Quantity Numeric value of quantity DIRQTYA (DL-103) = Number of Directories for Annual Composite Unit of Measure	X Deliver O	<b>R 1/15</b> y
	QTY02	380	Code specifying the type of quantity 31 Additional Demand Quantity Quantity Numeric value of quantity DIRQTYA (DL-103) = Number of Directories for Annual	X Deliver O	<b>R 1/15</b> y
М	QTY02	380	Code specifying the type of quantity 31 Additional Demand Quantity <b>Quantity</b> Numeric value of quantity DIRQTYA (DL-103) = Number of Directories for Annual <b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures A	X Deliver O	<b>R 1/15</b> y
М	QTY02 QTY03	380 C001	Code specifying the type of quantity 31 Additional Demand Quantity <b>Quantity</b> Numeric value of quantity DIRQTYA (DL-103) = Number of Directories for Annual <b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures A examples of use)	X Deliver O Append M ressed	R 1/15 y lix for ID 2/2 , or

-	Segment: Position: Loop: Level: Usage: Max Use: Purpose: yntax Notes: antic Notes: Comments: Notes:	2930 QTY Detail Optional 1 To speci 1 At le 2 Only 1 QTY	QTY Optional Detail Optional 1 To specify quantity information 1 At least one of QTY02 or QTY04 is required. 2 Only one of QTY02 or QTY04 may be present.						
Data Element Summary									
	Ref.	Data	-						
	Des.	Element		<u>Attr</u>	<u>ibutes</u>				
Μ	QTY01	673	Quantity Qualifier	Μ	ID 2/2				
			Code specifying the type of quantity						
			38 Original Quantity						
	QTY02	380	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	Μ	ID 2/2				
			Code specifying the units in which a value is being expre- manner in which a measurement has been taken DY Directory Books Number of directory books delivered						

Segment:	N1 ⊾	ame						
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*DA*DELNAME							
Data Element Summary								
Ref.	Data Element	Nomo		Attributoo				
<u>Des.</u> N101	<u>98</u>	Name Entity Identifier Cod	0	Attributes M ID 2/3				
	Code identifying an organizational entity, a physical location, property or an individual DA Delivery Address							
N102	93	Name		X 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:	•	fy the geographic place of the named party					
Syntax Notes:							
		2 If N406 is present, then N405 is required.					
•	3 If N4	07 is present, then N404 is required.					
Semantic Notes:			<b>A A</b>				
Comments:		1 A combination of either N401 through N404, or N405 and N406 may be					
		quate to specify a location.					
Neters		2 is required only if city name (N401) is in the U.S. or Car	iada.				
Notes:	N4**5TA	TE (DL-99)*ZIP (DL-100)					
		Data Element Summary					
Ref.	Data						
Des.	Element	Name	Attributes				
N402	156	State or Province Code	X ID 2/2				
		Code (Standard State/Province) as defined by appropriat	e government				
		agency	- <b>3</b>				
		STATE (DL-99) = State/Province					
N403	116	Postal Code	O ID 3/15				
		Code defining international postal zone code excluding p	ounctuation and				
		blanks (zip code for United States)					
		ZIP (DL-100) = ZIP/Postal Code					

### Segment:

# NX2 Location ID Component

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes: 3850 N1 Optional Detail Optional >1 To define types and values of a geographic location

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. <u>Des.</u>	Data Element	Name	·	A ++ r	ibutes
м	<u>Des.</u> NX201	1106	Address Compon	ent Qualifier	M	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 Informat	ion	Μ	AN 1/55
			Address informatio	n		
			DDASN (DL-88) =   DDASD (DL-87) =   CITY (DL-98) = City	Delivery Address Street Number Delivery Address Street Name Delivery Address Street Directional Pro y Delivery Address Location	əfix	
			DDASS (DL-90) =   DDAPR (DL-84) =   DDASF (DL-86) = [	Delivery Address Street Directional Su Delivery Address Number Prefix Delivery Address Number Suffix Delivery Address Street Type	ffix	

Segment: Position: Loop: Level: Usage: Max Use:	PO1 0100 PO1 Detail Mandato 1	Mandatory	ls Section)		
Purpose: Syntax Notes:	To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit	fy basic and most frequently used line item data 0103 is present, then PO102 is required. 0105 is present, then PO104 is required. her PO106 or PO107 is present, then the other is re her PO108 or PO109 is present, then the other is re her PO110 or PO111 is present, then the other is re her PO112 or PO113 is present, then the other is re her PO114 or PO115 is present, then the other is re her PO116 or PO117 is present, then the other is re her PO118 or PO119 is present, then the other is re her PO118 or PO119 is present, then the other is re her PO120 or PO121 is present, then the other is re	equired. equired. equired. equired. equired. equired. equired. equired.		
Semantic Notes:	12 If eit	her PO124 or PO125 is present, then the other is re	equired.		
Comments:	<ol> <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., ISBN No., Model No., or SKU.</li> </ol>				
Notes:		*EA***ZZ*DL*SH*RTY (DL-12) [PO1 Loop may repe	eat]		
		Data Element Summary			
Ref.	Data	Data Liement Summary			
Des.	Element	Name Assigned Identification	<u>Attr</u>	<u>ibutes</u> AN 1/20	
PO101	350	Alphanumeric characters assigned for differentiation set "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 Code specifying the units in which a value is being manner in which a measurement has been taken EA Each	O g expressed	<b>ID 2/2</b> , 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 use	ed in	
PO107	234	Product/Service ID Identifying number for a product or service "DL"	X	AN 1/48	
PO108	235	Product/Service ID Qualifier	Х	ID 2/2	
		Code identifying the type/source of the descriptive Product/Service ID (234)	number use	ed in	

		A numeric or alphanumeric code from services available to the customer	n a lis	st of
PO109	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		RTY (DL-12) = Record Type		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<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*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)
Def	Data Element Summary

	Ref.	Data		···· · · · · · · · · · · · · · · · · ·		
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	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 ser	vice	
			BO	Business/Residence Placement Ove	rride	
			BR	Directory Listings Type of Account		
			DG	Degree of Indent		
			DN	Directory Book Name		
			LB	Listing Activity Indicator		
			LE	Listing Type		
			TW	Style Code		
М	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			LTY (DL-13) = List STYC (DL-15) = S TOA (DL-16) = Ty DOI (DL-17) = Dec DIRNAME (DL-34)	tyle Code pe of Account	•	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	0500 PID Detail Optional 1 To descr 1 If PII 2 At le 3 If PII 4 If PII 5 If PII 1 Use refer 2 PID 3 PID 1 If PII 0 Use refor 2 PID 3 PID 1 If PII 2 At le 3 If PII 4 If PII 1 Use refor 2 PID 3 PID 3 PID 1 If PII 1 Use refor 3 PID 1 If PII 1 Use refor 2 PID 3 PID 1 If PII 1 Use refor 2 PID 3 PID 1 If PII 1 Use refor 3 PID 1 If PII 1 Use refor 2 PID 3 PID 1 If PII 1 Use PID 5 If PII 1 Use PID 5 If PII 1 Use PID 5 If PII 1 Use PID 5 If PII 5 If PI	D04 is present, then ast one of PID04 or D07 is present, then D08 is present, then D09 is present, then PID03 to indicate the red to. D4 should be used for D8 describes the ph D4. A "Y" indicates the cates it does not ap D9 is used to identify D01 equals "F", then D1 equals "F", then D1 equals "F", then D1 equals "F", then D1 equals "A PID06 when necess or specifies the indir TAR***SO-RSQ*OI TI+AS***SO-RSQ*LN	cess in coded or free-form format PID03 is required. PID05 is required. PID03 is required. PID04 is required. PID05 is used in the product identified attribute applies to the ply. Any other value is indeterminate. The language being used in PID05. PID05 is used. If PID01 equals "S", the language being used in PID05 are use sary to refer to the product surface or land. Vidual code list of the agency specified MTN (DL-41) PL (DL-44)	n code entifie his ite hen F d. ayer t	es. ed in em; an "N" PID04 is peing
	PID*S**1 PID*S**1 PID*S**1	TI*AT***SO-RSQ*AE TI*AW***SO-RSQ*D TI*AX***SO-RSQ*N( TI*AY***SO-RSQ*TN TI*BA***SO-RSQ*PF	ML (DL-25) DSL (DL-26) //KT (DL-27)		
		Data Eleme	ent Summary		
Ref.	Data			• • • •	
Des.	Element		Tura	<u>Attri</u> M	<u>ibutes</u> ID 1/1
1 PID01	349	Item Description Code indicating the S	e format of a description Structured (From Industry Code List)		
PID03	559	Agency Qualifier		Х	ID 2/2
		• •	e agency assigning the code values		
		TI	Telecommunications Industry		
PID04	751	Product Descript	•	Х	AN 1/12
		A code from an inc product characteri AR AS AT AW AX AY BA	dustry code list which provides specific stic Omit Telephone Number Listed Name Placement Address Indicator Direct Mail List No Solicitation Indicator Telemarketing Professional Identifier	data	about a
PID07	822	Source Subquali	fier	ο	AN 1/15
-					-

### Updated: January 21, 2002

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

		A reference that indicates the table or text maintained by the Source Qualifier SO-RSQ Service Order - Reseller Questions list	
PID08	1073	Yes/No Condition or Response Code O ID 1/1	
		Code indicating a Yes or No condition or response	
		OMTN (DL-41) = Omit TN Y= (DWS: O-Omit)	
		Blank= (DWS: Blank-Do Not Omit)	
		LNPL (DL-44) = Letter Name Placement Y= (DWS: L- Letter Placement) Blank= (DWS: Blank-Default to Word Placement)	
		ADI (DL-61) = Address Indicator Y= (DWS: O-Omit in DA and Directory) Blank= (DWS: Blank-Do Not Omit)	
		DML (DL-25) = Direct Mail List Y= (DWS: O-Omit) Blank= (DWS: Blank-Do Not Omit)	
		TMKT (DL-27) = Telemarketing Y= (DWS: O-Omit from Telemarketing) Blank= (DWS: Blank-Do Not Omit)	
		NOSL (DL-26) = No Solicitation Indicator PROF (DL-32) = Professional Identifier	

Segment: Position: Loop: Level: Usage: Max Use: Purpose:	1000 PO1 Detail Optional >1	Reference Identification Mandatory fy identifying information		
Syntax Notes:	2 If eit	ast 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		
Semantic Notes: Comments: Notes:		04 contains data relating to the value cited in REF02.		_
		Data Element Summary		
Ref.	Data		• • •	
	Element 128	Name Reference Identification Qualifier	Attr M	<u>ibutes</u> ID 2/3
M REF01	120		IVI	ID 2/3
		Code qualifying the Reference Identification Line Item Identifier (Seller's)		
REF02	127	LI Line Item Identifier (Seller's) Reference Identification	x	AN 1/30
KEFU2	127	Reference information as defined for a particular Transac specified by the Reference Identification Qualifier ALI (DL-11) = Alpha/Numeric Listing Identifier Code	~	

Seg	jment:	N9 R	Reference Identific	ation				
Ро	sition:	3300						
	Loop:	N9 (	Optional					
	Level:	Detail						
ι	Jsage:	Optional						
	x Use:	1						
	rpose:	To transr	To transmit identifying information as specified by the Reference Identification					
			Qualifier					
Syntax	Notes		ast one of N902 or	N903 is required				
Cyntax	10100.		006 is present, then	•				
			•	004 is present, then the other	is required			
				006 is present, then the other				
Semantic I	Notes:			one which the time reflects.				
Comantio	10100.	<ul><li>2 N907 contains data relating to the value cited in N902.</li></ul>						
Comr	nents:	<b>Z</b> 1 <b>1</b> 307						
	Notes:	N9*82*P	IA					
		110 02 1	<b>_</b> / (					
			Data Elem	ent Summary				
	Ref.	Data						
	Des.	<b>Element</b>	Name		Attributes			
	N901	128	Reference Identi	fication Qualifier	M ID 2/3			
			Code qualifying the	e Reference Identification				
			82	Data Item Description (DID)	Deference			
			02	1 ( )				
				Specific data elements that t				
				a contractor to provide and a	are spelled out in specific			
		40-	<b>.</b>	requirement documents				
	N902	127	Reference Identi		X AN 1/30			
	Reference information as defined for a particular Transaction Set or as							
			• •	eference Identification Qualifie	r			
			"PLA"					

Segment: Position: Loop:	MTX Text 3400 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> <li>If MTX03 is present, then MTX02 is required.</li> <li>If MTX05 is present, then MTX04 is required.</li> </ol>	
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 befor MTX05 is required.</li> </ol>	e print", then
Notes:	MTX**PLA (DL-55)	
	Data Element Summary	
Ref.	Data	<b>.</b>
Des.	Element Name	<u>Attributes</u>
MTX02	1551 Message Text	X AN 1/4096
	To transmit large volumes of message text	

PLA (DL-55) = Place Listing As

	Segment:	N9 <b>⊩</b>	Reference Identification		
	Position:	3300			
	Loop:		Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	1			
	Purpose:	I o trans Qualifier	mit identifying information as specified by the Reference	ence Identifi	ication
Sy	ntax Notes:		east one of N902 or N903 is required.		
			906 is present, then N905 is required.		
			her C04003 or C04004 is present, then the other is		
-			her C04005 or C04006 is present, then the other is	required.	
Sema	antic 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:				
	Notes:	N9^82^L	TXTY*LTXTY (DL-57)		
			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name	Attr	ibutes
	N901	128	Reference Identification Qualifier	М	ID 2/3
			Code qualifying the Reference Identification		
			82 Data Item Description (DID) Re	eference	
			Specific data elements that the		nt will ask
			a contractor to provide and are	•	
			requirement documents	, opoliou ou	
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular T	ransaction §	Set or as
			specified by the Reference Identification Qualifier		
			"LTXTY"		
	N903	369	Free-form Description	Х	AN 1/45
			•	~	
			Free-form descriptive text		
			Free-form descriptive text		
			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:	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 befor	e print", then				
NI (	MTX05 is required.					
Notes:	MTX**LTEXT (DL-59)					
	Data Element Summary					
Ref.	Data	A				
Des.	Element Name	<u>Attributes</u>				
MTX02	1551 Message Text	X AN 1/4096				
	To transmit large volumes of message text					

LTEXT (DL-59) = Line of Text

Segment:	N9 F	Reference Identification		
Position:	3300			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			. ,.
Purpose:	To trans Qualifier	mit identifying information as specified by the Reference	Identif	ication
Syntax Notes:	1 At le 2 If NS 3 If eit	east one of N902 or N903 is required. 006 is present, then N905 is required. her C04003 or C04004 is present, then the other is requi her C04005 or C04006 is present, then the other is requi		
Semantic Notes:	<b>1</b> N90	6 reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.		
Comments: Notes:	N9*H7*C	-		
		Data Element Summary		
Ref.	Data	-		
Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction S	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.	
	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 pri	nt", then
•••••••	MTX05 is required.	,
Notes:	MTX**REMARKS (DL-113)	
	Data Element Summary	
Ref.	Data	
Des.	Element Name A	<u>ttributes</u>
MTX02	1551 Message Text >	( AN 1/4096
	To transmit large volumes of message text	
	REMARKS (DL-113) = Remarks	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	3500 N1 Detail Optional 1 To identi <b>1</b> At le	ast one of N102 or N				
Somantia Notaa	2 If eit	ner INTUS OF INTU4 IS	present, then the other is required.			
Semantic Notes: Comments:	1 This	a amount used alars	novides the mest officient method	of providing		
Notes:	<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> <li>N1*DH*LISTINGS</li> </ol>					
Ref.	Data	Data Elemer	it Summary			
Des.	Element	Name		Attributes		
<u>Des.</u> N101	<u>98</u>	Entity Identifier Co	ode	M ID 2/3		
		Code identifying an an individual	organizational entity, a physical loca Doing Business As			
N102	93	Name Free-form name		X AN 1/60		
		"LISTINGS"				

;;	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3650 N1 Detail Optional >1	Optional	Name Structure Components	y		
	Notes:	IN2*02*L IN2*21*E IN2*10*T IN2*01*T IN2*18*N IN2*12*E IN2*10*T	DES (DL-47) TL (DL-48)*TL TTLE1 (DL-4 VICK (DL-54) DESD (DL-50) TLD (DL-51)*	)*LNFN (DL-46) - 9)*TITLE1 ) Da)*DESD			
			Data	a Element Summary			
	Ref.	Data		-			
	<u>Des.</u> IN201	Element 1104		nponent Qualifier	Attr M	<u>ibutes</u> ID 2/2	
	INZUT	1104		ifying the type of name component	IVI		
			01	Prefix			
			02	First Name			
			05	Last Name			
			10	Generation			
			10	Combined (Unstructured) Name			
			18	Preferred First Name or Nickname			
			21	Professional Title			
1	IN202	93	Name		м	AN 1/60	
•			Free-form r	name		/	
				45) = Listed Name Last			
			LNFN (DL-	46) = Listed Name First			
				7) = Designation			
				= Title of Lineage -49) = Title of Address 1			
				54) = Nickname			
				-50a) = Designation for Dual Name			
			•	<ul> <li>) = Title of Lineage for Dual Name</li> <li>DL-52) = Title of Address 1 for Dual Name</li> </ul>			
	IN203	93	Name	SE SZ = The OF Address Thor Duar Name	0	AN 1/60	
			Free-form r	name			
			LNFN (DL-	46) = Listed Name First			
			"TL" "TITLE1"				
			"DESD"				
			"TLD"				
			"TITLE1D"				

М

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**LAST (DL-71)					
	Data Element Summary					
Ref.	Data					
Des.	Element Name Attributes					
N402	156 State or Province Code X ID 2/2					
	Code (Standard State/Province) as defined by appropriate government					
	agency					
	LAST (DL-71) = Listed Address State/Province					

### Segment:

# NX2 Location ID Component

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

3850 N1 Optional Detail Optional >1 To define types and values of a geographic location

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\*40\*LASS (DL-68) NX2\*59\*LAPR (DL-62) NX2\*61\*LASF (DL-64) NX2\*62\*LATH (DL-67)

#### **Data Element Summary**

	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attri</u>	<u>ibutes</u>
М	NX201	1106	Address Compon	nent Qualifier	Μ	ID 2/2
			Code qualifying the	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		
М	NX202	166	Address Informat	ion	М	AN 1/55
			Address informatio	n		
			LANO (DL-63) = Li	sted Address Number		
			LASN $(DL-66) = Li$	sted Address Street Name		
				sted Address Street Directional Prefix		
				Listed Address Locality		
				sted Address Location		
			. ,	sted Address Street Directional Suffix		
				sted Address Number Prefix		
			LASF (DL-64) = $Lis$	sted Address Number Suffix		
			LATH $(DL-67) = List$	sted Address Street Type		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Purpose: yntax Notes:	SI service Characteristic Identification 4050 N1 Optional Detail Optional >1 To specify service characteristic data 1 If either SI04 or SI05 is present, then the other is required. 2 If either SI06 or SI07 is present, then the other is required. 3 If either SI08 or SI09 is present, then the other is required. 4 If either SI10 or SI11 is present, then the other is required. 5 If either SI12 or SI13 is present, then the other is required. 6 If either SI14 or SI15 is present, then the other is required. 7 If either SI16 or SI17 is present, then the other is required. 8 If either SI18 or SI19 is present, then the other is required. 9 If either SI20 or SI21 is present, then the other is required. 1 SI01 defines the source for each of the service characteristics qualifiers. SI*TI*TN*LTN (DL-39) SI*TI*NS*NSTN (DL-40)				
М	Ref. <u>Des.</u> SI01	Data <u>Element</u> 559	<u>Name</u> Agency Qualifier		<u>Attr</u> M	ibutes ID 2/2
М	SI02	1000	Code identifying th TI Service Characte	Telecommunications Industry eristics Qualifier	м	AN 2/2
			Code from an indu characteristics NS TN	istry code list qualifying the type of sei Non-Standard Telephone Number Telephone Number	rvice	
Μ	SI03	234	LTN (DL-39) = List	ID for a product or service red Telephone Number lon Standard Telephone Number	Μ	AN 1/48

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes:	0100 PO1 Detail Mandato 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit 12 If eit 12 If eit 13 PO1 3 PO1 item	Baseline Item Data - Dummy (DD) Mandatory ry fy basic and most frequently used line item data 2003 is present, then PO102 is required. 20105 is present, then PO104 is required. 20105 is present, then PO104 is required. 20105 is present, then PO104 is required. 20105 or PO106 or PO107 is present, then the other is required 20108 or PO109 is present, then the other is required 20110 or PO111 is present, then the other is required 20112 or PO113 is present, then the other is required 20114 or PO115 is present, then the other is required 20116 or PO117 is present, then the other is required 20118 or PO119 is present, then the other is required 20118 or PO119 is present, then the other is required 20118 or PO121 is present, then the other is required 20118 or PO122 is present, then the other is required 20119 the PO122 or PO123 is present, then the other is required 20119 the PO124 or PO125 is present, then the other is required 2011 is the line item identification. 2011 is the line item identification. 20110 is the line item identificatio	IDs p	
Notes:		or SKU. MMY*1*EA***ZZ*DD		
Ref. <u>Des.</u> PO101	Data <u>Element</u> 350	Data Element Summary           Name           Assigned Identification           Alphanumeric characters assigned for differentiation withiset           "DUMMY"	0	ibutes AN 1/20 ransaction
PO102	330	Quantity OrderedQuantity ordered1Always One	X	R 1/15
PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being exprese manner in which a measurement has been taken EA Each	<b>O</b> ssed	<b>ID 2/2</b> , or
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	X er use	ID 2/2 ed in
PO107	234	Product/Service ID Identifying number for a product or service "DD"	X	AN 1/48

Segment:	CTT Transaction Totals
Position:	0100
Loop:	CTT Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	<ol> <li>If either CTT03 or CTT04 is present, then the other is required.</li> <li>If either CTT05 or CTT06 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	<ol> <li>This segment is intended to provide hash totals to validate transaction completeness and correctness.</li> </ol>
Notes:	CTT*Number of PO1 Segments
Ref.	Data Element Summary Data
_	
<u>Des.</u> I CTT01	ElementNameAttributes354Number of Line ItemsMN0 1/6
	Total number of line items in the transaction set

	Segment:	SE 1	ransaction Set Trailer		
	Position:	0300			
	Loop:	0			
	Level:	Summar	•		
	Usage:	Mandato	ry		
	Max Use:	1			
	Purpose:		ate the end of the transaction set and provide the count of t		ansmitted
_		segment	s (including the beginning (ST) and ending (SE) segments	)	
•	tax Notes:				
	ntic Notes:				
C	comments:		s the last segment of each transaction set.		
	Notes:	SE*Num	ber of Segments*TRAN SET CONTROL #		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u> i	ibutes
М	SE01	96	Number of Included Segments	Μ	N0 1/10
			Total number of segments included in a transaction set in and SE segments	cludi	ng ST
Μ	SE02	329	Transaction Set Control Number	М	AN 4/9
			Identifying control number that must be unique within the functional group assigned by the originator for a transaction		

# 30.6.2 860 PAL Payphone Service Provider Supplemental Service Request (860PALPSP)

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

### Introduction:

The 860PALPSP will be used by the Co-Provider to initiate a PAL Payphone Service Provider supplemental service request to Qwest.

This implementation guideline references the following:

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

#### Notes:

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

### **Heading:**

М	<b>Pos.</b> <u>No.</u> 0100	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
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 - 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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3400	REF	Reference Identification	0	12		1
3500	PER	Administrative Communications Contact	0	>1		
		LOOP ID - N1			200	
3000	N1	Name	0	1		

## Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - POC			>1	
0100	POC	Line Item Change - 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 - 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		
3750	NX2	Location ID Component	0	>1		
3900	PER	Administrative Communications Contact	0	3		
3950	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - End User Form	0	1		
0400	SI	(Disconnect Information) Service Characteristic Identification	0	. 4		
0180 1000	REF	Reference Identification	0 0	>1 >1		
			-			
2000	DTM	Date/Time Reference	0	10	. 1	
4000		LOOP ID - SLN	0		>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		
5700	REF	Reference Identification	0	12		

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		LOOP ID - POC			>1	
0100	POC	Line Item Change - Resale Form (Service	0	1		
0180	SI	Details Section) Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		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		
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	~ 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		
		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		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC	-		>1	
0100	POC	Line Item Change - DL Form (Delivery	0	1	>1	
		Address Section)				
0180	SI	Service Characteristic Identification	0	>1		
	<b>AT</b> (	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		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Service	0	1		
		Details Section)				

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		
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		
3750	NX2	Location ID Component	0	>1		
3950	SI	Service Characteristic Identification	0	>1		

### Summary:

	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 - CTT			1		
	0100	CTT	Transaction Totals	0	1		n1	
Μ	0300	SE	Transaction Set Trailer	М	1			

### **Transaction Set Notes**

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

Segment: Position: Loop: Level: Usage: Max Use:	ST 1 0100 Heading Mandato 1	Transaction Set Header		
Purpose:	To indica	ate the start of a transaction set and to assign a control n	umbe	r
<ul> <li>Syntax Notes:</li> <li>Semantic Notes:</li> <li>1 The transaction set identifier (ST01) is used by the translation routin interchange partners to select the appropriate transaction set defini 810 selects the Invoice Transaction Set).</li> <li>2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.</li> </ul>				
Notes:	ST*860*	TRAN SET CONTROL #		
		Data Element Summary		
Ref.	Data			
Des.	Element			ibutes
M ST01	143	Transaction Set Identifier CodeCode uniquely identifying a Transaction Set850Purchase Order	М	ID 3/3
M ST02	329	Transaction Set Control Number Identifying control number that must be unique within th functional group assigned by the originator for a transact		

ş	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	0200 Heading Mandato 1 To indica transmit 1 BCH 2 BCH 3 BCH 4 BCH	ate the beginning of the Purchase Order Change Transaction identifying numbers and dates 106 is the date assigned by the purchaser to purchase order 109 is the seller's order number. 110 is the date assigned by the sender to the acknowledgr 111 is the date of the purchase order change request. 112 (LSR-25)*SS*PON (LSR-2)**VER (LSR-3)*PO Date (Sec	er. nent	
		Partner A	Access Information)		
	Ref.	Data	Data Element Summary	• • •	
М	<u>Des.</u> BCH01	Element 353	<u>Name</u> Transaction Set Purpose Code	<u>Attr</u> M	<u>ibutes</u> 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	М	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
М	BCH03	324	Purchase Order Number Identifying number for Purchase Order assigned by the	Μ	AN 1/22
			orderer/purchaser PON (LSR-2) = Purchase Order Number		
	BCH05	327	Change Order Sequence Number	0	AN 1/8
			Number assigned by the orderer identifying a specific char revision to a previously transmitted transaction set VER (LSR-3) Version Identification	inge	or
м	BCH06	373	Date	м	DT 8/8
	20.100	0.0	Date expressed as CCYYMMDD		
			PO Date (See Trading Partner Access Information)		

Segment:	<b>REF</b> Reference Identification
Position:	0500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
-	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*11*AN (LSR-7)*AN
	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

### **Data Element Summary**

REF\*12\*BAN1(LSR-61)\*BAN1 REF\*OW\*ORD (RE-6)\*ORD

Ref.

Data

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		<u>Attri</u>	ibutes
М	REF01	128	<b>Reference Identif</b>	fication Qualifier	Μ	ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunicat account	ions in	ndustry
			12	Billing Account		
				Account number under which billing	is reno	dered
			1V	Related Vendor Order Number		
				A vendor's order number that is in ac primary order number	dition	to a
			AO	Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			OW	Service Order Number		
			SU	Number assigned when a customer of and equipment and which appears of Special Processing Code		service
			50	Special Processing Code		
				Unique code identifying the special h requirements for the claim	andlin	Ig
	REF02	127	Reference Identif	ication	Х	AN 1/30
				ion as defined for a particular Transac eference Identification Qualifier	tion S	et or as
			AN (LSR-7) = Acco			
			. ,	isting Account Number		
				a) = Appointment Confirmation		
				)) = Project Identification		
			$R = R (LSR-28) = R \theta$	esponse Type Requested		

		RPON (LSR-51) = Related Purchase Order Number RORD (LSR-52) = Related Order Number BAN1 (LSR-61) = Billing Account Number 1 ORD (RE-6) = Order Number		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content "AN"	s an	d their
		"EAN"		
		"RTR"		
		"RPON"		
		"RORD"		
		"BAN1"		
		"ORD"		

Segment:	PAM Period Amo	unt				
Position:	0950					
Loop:	0000					
Level:	Heading					
Usage:	Optional					
Max Use:	10 To indicate a quantity or	d/or amount for an identified naviad				
Purpose: Syntax Notes:		nd/or amount for an identified period M02 or PAM03 is present, then all an	o roquirod			
Syntax Notes.		02 PAM05 or PAM14 is required.	e required.			
		AM05 is present, then the other is re	equired.			
		AM07 is present, then the other is re				
	•	then at least one of PAM08 or PAM	09 is required.			
		then PAM06 is required. then PAM07 is required.				
		then PAM07 is required.				
		then at least one of PAM11 or PAM	12 is required.			
	•	then PAM10 is required.				
• · · · · ·		AM14 is present, then the other is re				
Semantic Notes:	<ol> <li>PAM10, PAM11, or PAM12 are used when two dates are required.</li> <li>PAM15 indicates whether the monetary amount identified in PAM05 is a net</li> </ol>					
		" indicates amount is a gross value;				
	amount is a net value					
Comments:						
Notes:	PAM*48*PG_of_ (LSR-1					
	PAM*47*PG_of_ (LSR-1					
	PAM*KC*DQTY (EU-5)* PAM*QO*RSQTY (RE-5					
	PAM*BH*DDQTY (DL-23					
	· · · · ·	,				
<b>D</b> .(		ement Summary				
Ref. Des.	Data Element Name		Attributes			
PAM01	673 Quantity Qua	lifier	X ID 2/2			
	•	g the type of quantity				
	47	Primary Net Quantity				
	48	Secondary Net Quantity				
	BH	Book Order Quantity				
	KC	Net Quantity Decrease				

	PAM01	673	Quantity Qualifi	er	<u>Аш</u> Х	ID 2/2	2
			Code specifying t	he 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			
	PAM02	380	Quantity		Х	R 1/1	5
			Numeric value of	quantity			
			DQTY (EU-5) = D RSQTY (RE-5) = DDQTY (DL-23) =	f PG_of_ (LSR-10) isconnect Quantity Resale Quantity Number of Delivery Segments			
	PAM03	C001	Composite Unit	of Measure	Х		
			To identify a complex of use)	posite unit of measure (See Figures A	ppenc		
М	C00101	355	Unit or Basis for	Measurement Code	Μ	ID 2/2	2
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Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each

		~ ~ ~						
Segm	nent:	SAC	Service, Promotion, Allowance, or Charge Informa	ation				
Posit		1200						
	oop:	SAC	Optional					
	evel: age:	Heading Optional						
Max		1						
Purp		To reque	st or identify a service, promotion, allowance, or charge; t	o spe	cify the			
		amount or percentage for the service, promotion, allowance, or charge						
Syntax No	otes:		ast one of SAC02 or SAC03 is required.					
		<ul> <li>2 If either SAC03 or SAC04 is present, then the other is required.</li> <li>3 If either SAC06 or SAC07 is present, then the other is required.</li> </ul>						
		<ul><li>4 If either SAC09 or SAC07 is present, then the other is required.</li></ul>						
		5 If SAC11 is present, then SAC10 is required.						
		6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.						
		7 If SAC14 is present, then SAC13 is required.						
O a manufa Na		8 If SAC16 is present, then SAC15 is required.						
Semantic No	otes:	1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.						
		<ul><li>2 SAC05 is the total amount for the service, promotion, allowance, or charge.</li></ul>						
			C05 is present with SAC07 or SAC08, then SAC05 takes					
			08 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 specific</li></ul>						
		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.						
Comme	ents:	<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 service, promotion, allowance,</li> </ul>						
•••••••			arge. In addition, it may be used in conjunction with SAC					
		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.						
No	otes:	SAC*N**	TI*EXP [If this segment appears then EXP (LSR-26) = "Y	"]				
		SAC*N**	TI*VT********VTA (LSR-80)					
			Data Element Summary					
R	ef.	Data	·					
	<u>es.</u>	Element			<u>ibutes</u>			
I SA	C01	248	Allowance or Charge Indicator	M	ID 1/1			
			Code which indicates an allowance or charge for the serv	vice s	pecified			
			N No Allowance or Charge					
SA	C03	559	Agency Qualifier Code	Х	ID 2/2			
			Code identifying the agency assigning the code values					
_	• • •		TI Telecommunications Industry					
SA	C04	1301	Agency Service, Promotion, Allowance, or Charge	Х	AN 1/10			
			Code Agency maintained code identifying the service, promotic	n al	lowance			
			or charge	, ai				
			-					

EXP Expedited Service C	,narge				
VT Variable Term Contr	ract Pricing Plan				
escription	X AN 1/80				
A free-form description to clarify the related data elements and their content VTA (LSR-80) = Variable Term Agreement					

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<pre>DTM Date/Time Reference 1500 Heading Optional 10 To specify pertinent dates and times 1 At least one of DTM02 DTM03 or DTM05 is required. 2 If DTM04 is present, then DTM03 is required. 3 If either DTM05 or DTM06 is present, then the other is required. DTM*097*D/TSENT{CCYYMMDD} (LSR-12)*D/TSENT{HHMM} (LSR-12) DTM*150*DDD{CCYYMMDD} (LSR-14)***TM/RTM*APPTIME{HHMM[-HHMM]} (LSR-15) DTM*151*DDDO{CCYYMMDD} (LSR-16)</pre>							
		0*DATED{CCYYMM 2****TM*DFDT{HHM						
D-f			ent Summary					
Ref. <u>Des.</u>	Data <u>Element</u>	Name		Attr	ibutes			
DTM01	374	Date/Time Qualif		Μ	ID 3/3			
			pe of date or time, or both date and t	ime				
		097	Transaction Creation					
		150	Service Period Start					
		151	Service Period End					
		270	Date Filed					
DTM00	070	992 Data	Date Requested	v				
DTM02	373	Date	COVYMMDD	Х	DT 8/8			
		Date expressed as						
		D/TSENT (LSR-12) DDD (LSR-14) = D						
		DATED (LSR-36) = Date of Agency Authorization						
		DDDO (LSR-16) = Desired Due Date Out						
DTM03	337	Time		X .	TM 4/8			
		or HHMMSSD, or H (00-59), S = intege	24-hour clock time as follows: HHMI HMMSSDD, where H = hours (00-2 r seconds (00-59) and DD = decimal re expressed as follows: D = tenths	3), M = I secor	= minutes nds;			
		hundredths (00-99)	•	· /				
			(LSR-12) = Time Sent		15 6/6			
DTM05	1250		l Format Qualifier	X	ID 2/3			
		•	e date format, time format, or date an					
		RTM	Range of Time Expressed in Forma					
			A range of times expressed in the form HHMM- HHMM where HH is the numerical expression of					
hours in the day based on a twenty-fo					our clock			
			and MM is the numerical expression					
			within an hour; the first occurrence of starting time and the second is the					
				Shang	,			

 TM
 Time Expressed in Format HHMM

 Time expressed in the format HHMM where HH is

 the numerical expression of hours in the day based

 on a twenty-four hour clock and MM is the numerical

 expression of minutes within an hour

 DTM06
 1251

 Date Time Period
 X

 AN 1/35

 Expression of a date, a time, or range of dates, times or dates and times

 APPTIME{HHMM[-HHMM]} (LSR-15) = Appointment Time

 DFDT{HHMM} (LSR-19) = Desired Frame Due Time

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 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*RE*REQTYP (LSR-23)
	SI*TI*AA*ACT (LSR-24)
	SI*TI*LS*LSO (LSR-43)
	SI*TI*TY*TOS (LSR-44)
	SI*TI*IW*IWO (EU-36)
	SI*TI*ZT*TEST (LSR-22a)

## Data Element Summary

Data Element Summary						
	Ref.	Data		-		
	Des.	<u>Element</u>	<u>Name</u>	Name		
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	М	AN 2/2
			Code from an inc	dustry code list qualifying the type of se	rvice	
			characteristics			
			AA	Account Activity		
			IW	Inside Wire Options		
			LS	Local Serving Office		
			RE	Requisition Type		
			TY	Type of Service		
			ZT	Test		
м	SI03	234	Product/Servic	e ID	Μ	AN 1/48
			Identifying numb	er for a product or service		
			D= (DWS: D-E C= (DWS: C-C SD= (DWS: L- RS= (DWS: B T= (DWS: T-O	lew Installation) Disconnect of Entire Account) Change) Seasonal Suspend not valid in WA or ( Restore) utside move(T/F)) 23) = Requisition Type and Status	DR)	

LSO (LSR-43) = Local Service Office
IWO (EU-36) = Inside Wire Options
TEST (LSR-22a) = Type of Test

Segment:	PID Product/Item Description
Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
•	2 At least one of PID04 or PID05 is required.
	<b>3</b> If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in
	<ul> <li>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> </ul>
Comments:	<ul> <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> </ul>
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	<b>3</b> PID07 specifies the individual code list of the agency specified in PID03.
Notes:	PID*S**TI*AH***SO-RSQ*CHC (LSR-22)
	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)
	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)

## **Data Element Summary**

Ref.	Data		-		
Des.	Element	<u>Name</u>		<u>Attı</u>	ributes
PID01	349	Item Descript	ion Type	Μ	ID 1/1
		Code indicating	g the format of a description		
		S	Structured (From Industry Code List	t)	
PID03	559	Agency Quali	fier Code	X	ID 2/2
		Code identifyin	g the agency assigning the code values		
		ТІ	Telecommunications Industry		
PID04	751	Product Desc	ription Code	Х	AN 1/12
		A code from an product charac AH	n industry code list which provides specifi cteristic Coordinated Hot Cut	c data	a about a
		AO	Agency Authorization Status		
		PENDING	Pending Order		
PID07	822	Source Subq	ualifier	Ο	AN 1/15
		A reference that Qualifier	at indicates the table or text maintained b	y the	Source
		SO-RSQ	Service Order - Reseller Questions	list	
PID08	1073	Yes/No Condi	tion or Response Code	Ο	ID 1/1
		Code indicating	g a Yes or No condition or response		
		PENDING ORI	= Coordinated Hot Cut DER (LSR-108b) = Pending Order Indicat R-35) = Agency Authorization Status	or	

	Segment:	N9 F	Reference Identification					
	Position:	2850						
	Loop:		Optional					
	Level:	Heading						
	Usage:	Optional						
	Max Use:	1						
	Purpose:	To trans Qualifier	mit identifying information as specified by the Reference lo	denti	fication			
S	Syntax Notes:		ast one of N902 or N903 is required.					
			006 is present, then N905 is required.					
			her C04003 or C04004 is present, then the other is require					
<b>C</b>	antia Nataa.		her C04005 or C04006 is present, then the other is require	ed.				
Sen	nantic Notes:		6 reflects the time zone which the time reflects.					
	Comments:	<b>Z</b> 190	7 contains data relating to the value cited in N902.					
	Notes:	N9*H7*C	DRI*RESALE****2W>MANUAL IND (RE-60b)					
			Data Element Summary					
	Ref.	Data						
	Des.	Element	<u>Name</u>	Attributes				
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 Transac 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					
			"RESALE"					
	N907	C040	Reference Identifier	0				
			To identify one or more reference numbers or identification specified by the Reference Qualifier	on nu	imbers as			
м	C04001	128	Reference Identification Qualifier	м	ID 2/3			
	001001	120	Code qualifying the Reference Identification					
			2W Change Order Authority					
М	C04002	107	Reference Identification	м	ANI 1/20			
М	C04002	127			AN 1/30			
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	ction	Set or as			
			MANUAL IND (RE-60b) = Manual Indicator					

Segment:	MTX Text	
Position:	2900	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.	
Oymax Notes.	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	<ul> <li>MTX05 is the number of lines to advance before printing.</li> </ul>	
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then	
Nexter	MTX05 is required.	-
Notes:	MTX**REMARKS (RE-60a)	
	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 (RE-60a) = Remarks	

	Segment:	N9 F	Reference Identification						
	Position:	2850							
	Loop:		Optional						
	Level:	Heading							
	Usage:	Optional							
	Max Use:	1							
	Purpose:	To trans Qualifier	mit identifying information as specified by the Reference lo	dentif	fication				
S	Syntax Notes:		ast one of N902 or N903 is required.						
			006 is present, then N905 is required.						
			her C04003 or C04004 is present, then the other is require						
•			her C04005 or C04006 is present, then the other is require	ed.					
Sen	nantic Notes:		6 reflects the time zone which the time reflects.						
	Comments:	<b>2</b> N90 <sup>-</sup>	7 contains data relating to the value cited in N902.						
	Notes:	N9*H7*C	DRI*LSR****2W>MANUAL IND (LSR-108a)						
	10100.								
			Data Element Summary						
	Ref.	Data							
	Des.	<u>Element</u>	<u>Name</u>	<b>Attributes</b>					
М	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 Transac specified by the Reference Identification Qualifier ORI Order Instructions	tion	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 identification	on nu	imbers as				
			specified by the Reference Qualifier						
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3				
			Code qualifying the Reference Identification						
			2W Change Order Authority						
М	C04002	127	Reference Identification	М	AN 1/30				
	-		Reference information as defined for a particular Transac	tion	Set or as				
			specified by the Reference Identification Qualifier						
			MANUAL IND (LSR-108a) = Manual Indicator						

Segment:	MTX Text
Position:	2900
Loop:	N9 Optional
Level:	Heading
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**REMARKS (LSR-108)
	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 (LSR-108) = Remarks

	Segment:	N9 F	Reference Identification						
	Position:	2850							
	Loop:								
	Level:	Heading							
	Usage:	Optional							
	Max Use:	1							
	Purpose:	To trans Qualifier	mit identifying information as specified by the Reference lo	denti	fication				
S	Syntax Notes:	1 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						
~			her C04005 or C04006 is present, then the other is require	ed.					
Sen	nantic Notes:		6 reflects the time zone which the time reflects.						
	Comments:	<b>2</b> N90 <sup>-</sup>	7 contains data relating to the value cited in N902.						
	Notes:	NQ*H7*C	DRI*EU****2W>MANUAL IND (LSR-63a)						
	Notes.								
			Data Element Summary						
	Ref.	Data							
	Des.	Element	Name	Attributes					
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 Transac 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 nu	imbers as				
М	C04001	128	Reference Identification Qualifier	М	ID 2/3				
			Code qualifying the Reference Identification						
			2W Change Order Authority						
м	C04002	127	Reference Identification	м	AN 1/30				
	00700Z	1 4 1							
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	aion					
			MANUAL IND (EU-63a) = Manual Indicator						

Segment:	MTX Text
Position:	2900
Loop:	N9 Optional
Level:	Heading
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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print", then</li> </ol>
•••••••	MTX05 is required.
Notes:	MTX**REMARKS (EU-63)
	Data Element Summary
Ref.	Data
Des.	Element Name Attributes
MTX02	1551 Message Text X AN 1/4096
	To transmit large volumes of message text
	REMARKS (EU-63) = Remarks

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	Optional 1					
	_	Data Eleme	ent Summary			
Ref.	Data			• • • •		
<u>Des.</u> N101	Element Name Attributes 98 Entity Identifier Code M ID 2/3					
NIUI	98 Entity Identifier Code M ID 2/3 Code identifying an organizational entity, a physical location, property or					
		an individual 78	Service Requester	uon, j	STOPERTY OF	
N102	93	<b>Name</b> Free-form name		X	AN 1/60	

CCNA (LSR-1) = Customer Carrier Name Abbreviation

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	3500 N1 Heading Optional >1 To ident directed 1 If eit 2 If eit 3 If eit PER*AG (LSR-83	fy a person or office to whom administrative communication 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 *INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84	d. d. d. 4)*EM*EMAIL
	PER*AL	*ALT IMPCON (LSR-94)*TE*TEL NO (LSR-95)*BN*PAGE	R (LSR-96)
D-(		Data Element Summary	
Ref. <u>Des.</u> M PER01	Data <u>Element</u> 366	Name Contact Function Code	<u>Attributes</u> M ID 2/2
		Code identifying the major duty or responsibility of the per- named AG Agent AL Alternate Contact Person to be contacted when the ma available CN General Contact	
PER02	93	Name	O AN 1/60
		Free-form name INIT (LSR-81) = Initiator Identification IMPCON (LSR-91) = Implementation Contact ALT IMPCON (LSR-94) = Alternate Implementation Cont	act
PER03	365	Communication Number QualifierCode identifying the type of communication numberTETelephone	X ID 2/2
PER04	364	Communication Number	X AN 1/256
		Complete communications number including country or a applicable TEL NO (LSR-82) = Telephone Number TEL NO (LSR-92) = Telephone Number TEL NO (LSR-95) = Telephone Number	area code when
PER05	365	Communication Number QualifierCode identifying the type of communication numberBNBeeper NumberFXFacsimile	X ID 2/2
PER06	364	Communication Number	X AN 1/256
		Complete communications number including country or a applicable FAX NO (LSR-84) = Facsimile Number	area code when
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		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: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3000 N1 0 Heading Optional 1 To identi 1 At le 2 If eith 1 This orga must party 2 N105	ast one of N102 or I ner N103 or N104 is segment, used alon nizational identificat provide a key to th 7.	f organization, name, and code N103 is required. a present, then the other is required. ne, provides the most efficient method o ion. To obtain this efficiency the "ID Co e table maintained by the transaction p define the type of entity in N101.	bde" (	(N104)
Β.		Data Eleme	ent Summary		
Ref. Des.	Data Element	Name		Δttri	ibutes
N101	<u>98</u>	Entity Identifier C	ode	M	ID 2/3
N102	93	Code identifying an an individual X1 Name	n organizational entity, a physical locat Mail to An address to which a specified item	•	
		Free-form name			
		"PAL PSP BILLING	G"		

Updated: January 21, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	3400 N1 Heading Optional 12 To speci	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required.		
Semantic Notes: Comments: Notes:	<ul><li>2 If eit</li><li>3 If eit</li><li>1 REF</li></ul>	her C04003 or C04004 is present, then the other is r her C04005 or C04006 is present, then the other is r 04 contains data relating to the value cited in REF02 *SSN (EU-53) Data Element Summary	equired.	
Ref.	Data	Data Element Gummary		
Des.	Element	Name	<u>Attr</u>	<u>ibutes</u>
I REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		SY Social Security Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Traspecified by the Reference Identification Qualifier SSN (EU-53) = Social Security Number	ansaction §	Set or as

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	3500 N1 Heading Optional >1 To identi directed 1 If eit 2 If eit	Administrative Communications Contact Optional by a person or office to whom administrative communication 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.	nould be
Semantic Notes: Comments:				
Notes:	PER*BI*	BILLCON (EU-51)*TE*TEL NO (EU-52)		
		Data Element Summary		
Ref.	Data	Data Liement Summary		
Des.	<u>Element</u>			ibutes
I PER01	366	Contact Function Code	М	ID 2/2
		Code identifying the major duty or responsibility of the penamed	rson	or group
		BI Bill Inquiry Contact		
		Service Provider contact for making in information on the invoice	nquire	es about
PER02	93	Name	Ο	AN 1/60
		Free-form name		
		BILLCON (EU-51) = Billing 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 applicable	irea c	code when
		TEL NO (EU-52) = Telephone Number		

Updated: January 21, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3000 N1 Heading Optional 1 To identi 1 At le 2 If eit 1 This orga mus party	fy a party by type of organization, name, and code ast one of N102 or N103 is required. her N103 or N104 is present, then the other is required. segment, used alone, provides the most efficient method nizational identification. To obtain this efficiency the "ID C t provide a key to the table maintained by the transaction	ode"	(N104)
Notes:		25*CC (LSR-29)		
		Data Element Summary		
Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attr	ibutes
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical loca an individual BY Buying Party (Purchaser)	tion,	property or
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code structure u Identification Code (67) 25 Carrier's Customer Code	used 1	for
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		CC (LSR-29) = Company Code		

Segment:	<b>POC</b> Section	Line Item Cha	ange - End User Form (Location and	Acces	\$S
Position:	0100				
Loop:	POC	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	1 .		.,		
Purpose:		fy changes to a li		- d	
Syntax Notes:			hen both POC04 and POC05 are require hen POC06 is required.	30.	
			CO9 is present, then the other is required.	d	
			C11 is present, then the other is require		
			C13 is present, then the other is require		
			C15 is present, then the other is require		
			C17 is present, then the other is require		
			C19 is present, then the other is require		
			C21 is present, then the other is require		
			C23 is present, then the other is require		
			C25 is present, then the other is require		
			C27 is present, then the other is require	∍d.	
Semantic Notes:	1 POC	01 is the purchas	e order line item identification.		
Comments:					
Notes:	POC*n*F	?Z******ZZ*EU_SA	A [POC Loop may repeat]		
		Data Eler	nent Summary		
Ref.	Data			• · · ·	
Des.	Element	<u>Name</u>			ibutes
POC01	350	Assigned Ident		0	AN 1/20
		•	aracters assigned for differentiation with	nin a tr	ransaction
		set			
		Ŭ	ed ID within POC Loop		
POC02	670	Change or Res	ponse Type Code	Μ	ID 2/2
		Code specifying	the type of change to the line item		
		RZ	Replace All Values		
			Receiver should replace the correspondence the original purchase order with the vertex of the vertex o		

in the Purchase Order Change Transaction Set

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

Mutually Defined

**POC08** 

POC09

235

234

М

**Product/Service ID Qualifier** 

Identifying number for a product or service

Product/Service ID (234)

**Product/Service ID** 

ΖZ

"EU SA"

X ID 2/2

X AN 1/48

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0180 POC Detail Optional >1 To speci 1 If eit	rvice Characteristic Identification Optional fy service characteristic data her SI04 or SI05 is present, then the other is required.		
		her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required.		
	4 If eit	her SI10 or SI11 is present, then the other is required.		
		her SI12 or SI13 is present, then the other is required.		
		her SI14 or SI15 is present, then the other is required.		
		her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required.		
		her SI20 or SI21 is present, then the other is required.		
Semantic Notes:				
Comments:		defines the source for each of the service characteristics	s qual	ifiers.
Notes:	SI*TI*OF	*WSOP (EU-31)*TN*WSOP TEL NO (EU-31a)		
		Data Element Summary		
Ref.	Data	Data Liement Gannary		
Des.	Element	Name	<u>Attı</u>	<u>ributes</u>
M SI01	559	Agency Qualifier Code	Μ	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M 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		
M 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
0.00	207	Identifying number for a product or service	Λ	
		WSOP TEL NO (EU-31a) = Working Service on Premise Number	es Tel	lephone

Segment:	PID Product/Item Description
Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
•	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being
	referred to.
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in
	PID04. A "Y" indicates that the specified attribute applies to this item; an "N"
	indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is
	used. If PID01 equals "X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being
	described in the segment.
	<b>3</b> PID07 specifies the individual code list of the agency specified in PID03.
Notes:	PID*S**TI*ANV***SO-RSQ*ANV (EU-8a)

## **Data Element Summary**

		Data Element Summary		
Ref.	Data			
Des.	Element	Name	<u>Attri</u>	butes
PID01	349	Item Description Type	Μ	ID 1/1
		Code indicating the format of a description		
		S Structured (From Industry Code List)		
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	Product Description Code	Х	AN 1/12
		A code from an industry code list which provides specific product characteristic	data	about a
		ANV Address Not Validated Indicator		
PID07	822	Source Subqualifier	0	AN 1/15
		A reference that indicates the table or text maintained by Qualifier	the S	Source
		SO-RSQ Service Order - Reseller Questions lis	st	
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		ANV (EU-8a) = Address Not Validated Indicator		

			-		
	Segment:	KEF	Reference Identification		
	Position:	1000			
	Loop:	POC	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	>1			
	Purpose:	To speci	fy identifying information		
Syn	tax Notes:	1 At le	ast one of REF02 or REF03 is required.		
			her C04003 or C04004 is present, then the other is re	quired.	
		3 If eit	her C04005 or C04006 is present, then the other is re	quired.	
Semar	ntic Notes:	1 REF	04 contains data relating to the value cited in REF02		
C	comments:				
	Notes:	REF*IX*I	LOCNUM (EU-7)*LOCNUM		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>			ributes
	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 Tra	insaction §	Set or as
			specified by the Reference Identification Qualifier		
			LOCNUM (EU-7) = Location Number		
	REF03	352	Description	X	AN 1/80
		002	A free-form description to clarify the related data ele		
			content	ments and	
			"LOCNUM"		

Updated: January 21, 2002

Segment:	N9 F	Reference Identification		
Position:	3200			
Loop:	N9	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To transi Qualifier	mit identifying information as specified by the Reference	Identif	ication
Syntax Notes:		ast one of N902 or N903 is required.		
		006 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is requi		
		her C04005 or C04006 is present, then the other is require	red.	
Semantic Notes:		6 reflects the time zone which the time reflects.		
Comments:	<b>2</b> N90 <sup>-</sup>	7 contains data relating to the value cited in N902.		
Notes:	N9*L1*A			
NOLES.		66 E0		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		L1 Letters or Notes		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ACC Access Information	ction \$	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:	<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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines befor MTX05 is required.</li> </ol>	re print", then
Notes:	MTX**ACC (EU-30)	
	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	

ACC (EU-30) = Access Information

Segment:	N9 F	Reference Identification				
Position:	3200					
Loop:		Optional				
Level:	Detail					
Usage:	. '					
Max Use:	1					
Purpose:	I o transi Qualifier	To transmit identifying information as specified by the Reference Identification Qualifier				
Syntax Notes:	1 At le	At least one of N902 or N903 is required.				
	2 If N906 is present, then N905 is required.					
	3 If eit	her C04003 or C04004 is present, then the other is req	uired.			
		her C04005 or C04006 is present, then the other is req	uired.			
Semantic Notes:		1 N906 reflects the time zone which the time reflects.				
_	<b>2</b> N90 <sup>-</sup>	2 N907 contains data relating to the value cited in N902.				
Comments:						
Notes:	N9*H7*L	.OC*AAI				
		Data Element Summary				
Ref.	Data					
Des.	Element	Name	Attr	ibutes		
N901	128	Reference Identification Qualifier	M	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 Tran specified by the Reference Identification Qualifier LOC Location Instructions	saction S	Set or as		
N903	369	Free-form Description	Х	AN 1/45		
		Free-form descriptive text				
		"AAI"				

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 print", then
	MTX05 is required.
Notes:	MTX**AAI (EU-23)
Ref.	Data Element Summary Data
Des.	Element Name Attributes
MTX02	LienternHamo1551Message TextXXAN 1/4096

To transmit large volumes of message text AAI (EU-23) = Additional Address Information

Segment:	N1 N	lame		
Position:	3400			
Loop:		Optional		
Level:	Detail	optional		
Usage:	Optional			
Max Use:	1			
Purpose:	To identi	fy a party by type	of organization, name, and o	code
Syntax Notes:			r N103 is required.	
-	2 If eit	her N103 or N104	is present, then the other is	required.
Semantic Notes:				
Comments:	orga mus party <b>2</b> N105	nizational identific t provide a key to y. 5 and N106 furthe	one, provides the most efficient ation. To obtain this efficience the table maintained by the r define the type of entity in N	y the "ID Code" (N104) transaction processing
Notes:	N1*I1*N/	AME (EU-8)		
Ref.	Data	Data Eler	nent Summary	
	Element	Namo		Attributes
<u>Des.</u> N101	<u>98</u>	Entity Identifier	Code	M ID 2/3
	50	•	an organizational entity, a pl	
		an individual	an organizational entity, a pi	rysical location, property of
		IT	Installation on Site	
N102	93	Name		X AN 1/60
		Free-form name		, , , , , , , , , , , , , , , , , , ,

NAME (EU-8) = End User Name

3700 N1 Detail Optional 1 To speci 1 Only 2 If N4 3 If N4 1 A co adeo 2 N40	Optional fy the geographic place of the named party one of N402 or N407 may be present. 406 is present, then N405 is required. 407 is present, then N404 is required. 407 is present, then N404 is required. 408 mbination of either N401 through N404, or N405 and N400 quate to specify a location. 2 is required only if city name (N401) is in the U.S. or Can		/ be
	Data Element Summary		
Data			
			ibutes
156		~ ~	ID 2/2
	· · · · · · · · · · · · · · · · · · ·	e gov	ernment
116	· · ·	0	ID 3/15
		-	
	blanks (zip code for United States)	anote	
	ZIP (EU-26) = ZIP/Postal Code		
309	Location Qualifier	Х	ID 1/2
	Code identifying type of location		
	RJ Region		
310	RJ Region Location Identifier	ο	AN 1/30
310	5	0	AN 1/30
	3700 N1 Detail Optional 1 To speci 1 Only 2 If N4 3 If N4 1 A co adec 2 N40 N4**STA Data <u>Element</u> 156	<ul> <li>N1 Optional Detail</li> <li>Optional</li> <li>1</li> <li>To specify the geographic place of the named party</li> <li>1 Only one of N402 or N407 may be present.</li> <li>2 If N406 is present, then N405 is required.</li> <li>3 If N407 is present, then N404 is required.</li> <li>1 A combination of either N401 through N404, or N405 and N406 adequate to specify a location.</li> <li>2 N402 is required only if city name (N401) is in the U.S. or Can N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)</li> </ul> Data Element Summary Data Element Name 156 State or Province Code <ul> <li>Code (Standard State/Province) as defined by appropriate agency</li> <li>STATE (EU-25) = State/Province</li> </ul> 116 Postal Code <ul> <li>Code defining international postal zone code excluding p blanks (zip code for United States)</li> <li>ZIP (EU-26) = ZIP/Postal Code</li> </ul>	<ul> <li>3700 N1 Optional Detail Optional 1 To specify the geographic place of the named party 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. 1 A combination of either N401 through N404, or N405 and N406 may adequate to specify a location. 2 N402 is required only if city name (N401) is in the U.S. or Canada. N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a) Data Element Summary Data Element Name Attr 156 State or Province Code X Code (Standard State/Province) as defined by appropriate gov agency STATE (EU-25) = State/Province 116 Postal Code O Code defining international postal zone code excluding punctu blanks (zip code for United States) ZIP (EU-26) = ZIP/Postal Code 309 Location Qualifier X </li> </ul>

### Segment:

# NX2 Location ID Component

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

Μ

3750 N1 Optional Detail Optional >1 To define types and values of a geographic location

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)

#### **Data Element Summary**

Ref. Data <u>Des. Elemen</u> NX201 1106	t <u>Name</u> Address Compor	nent Qualifier	<u>Attr</u> M	<u>ibutes</u> ID 2/2
	Code qualifying th	e type of address component		
	. ,	cation Designator 1		
	13=(DWS: APT 34=(DWS: LOT)			
	35=(DWS: RM)			
	36=(DWS: SLIF 37=(DWS: UNIT			
	14=(DWS: SUIT			
		action Decimator 2		
	32=(DWS: FLR	cation Designator 2		
	· · · · · · · · · · · · · · · · · · ·			
	LD3 (EU-21) = Lo 12=(DWS: BLD	cation Designator 3		
	63=(DWS: WN0	G)		
	30=(DWS: PIEF			
	01 02	Street Number Street Name		
	02	Prefix Direction		
	05	P.O. Box Number		
	06	Rural Route Number		
	07	City Name		
	12	Building Name		
	13	Apartment Number		

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	14	Suite Number		
	30	Pier		
	32	The pier at which a ship or boat is doc Floor	ĸed	
	32			
	34	A particular floor or level of a building Lot		
	34			
	35	A particular lot or piece of land Room		
	30	A walled room or partitioned area of a l	build	lina
	36	Slip	June	ung.
	30	The slip or location on a pier at which a	o ch	in or hoot
		is docked	a 511	ip or boat
	37	Unit		
		A unit or separate structure		
	39	Unstructured Property		
	40	Street Suffix		
	59	Street Number Low		
	61	Street Number Fraction		
	62	Street Name Suffix		
	63	Secondary Unit Identifier		
166	Address Informat	ion	М	AN 1/55
	Address informatio	n		
		ervice Address Number		
		ervice Address Street Name		
	BOX (EU-23c) = Bc	ervice Address Street Directional Prefix		
	ROUTE (EU-23b) =			
	CITY (EU-24) = Cit			
		ssigned House Number		
		ervice Address Street Directional Suffix		
		ervice Address Number Prefix ervice Address Number Suffix		
		ervice Address Street Type		
	LV1 (EU-18) – Loc			
	LV2 (EU-20) = Loc			
	LV3 (EU-22) = Loc	ation Value 3		

NX202

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3900 N1 Detail Optional 3 To identi directed 1 If eit 2 If eit 3 If eit	Administrative Communications Contact Optional fy a person or office to whom administrative communication 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.	nould be
Notes:	PER*CA	*LCON (EU-27)*TE*TEL NO (EU-28)		
		Data Element Summary		
Ref.	Data	Data Liement Summary		
Des.	Element	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>
I PER01	366	Contact Function Code	Μ	ID 2/2
		Code identifying the major duty or responsibility of the per named CA Customer Contact Granting Appointm		or group
PER02	93	Name	0	AN 1/60
FLINUZ	33	Free-form name	0	
		LCON (EU-27) = Local Contact		
PER03	365	Communication Number Qualifier	Х	ID 2/2
FLRUS	303	Code identifying the type of communication number	^	
		TE Telephone		
PER04	364	Communication Number	х	AN 1/256
	004	Complete communications number including country or a applicable TEL NO (EU-28) = Telephone Number		

Sec	gment:	SI se	rvice Characteristic Identification		
-		3950			
FU			Optional		
	•	Detail			
		Optional			
	-	>1			
Pu	rpose:	To speci	fy service characteristic data		
Syntax			her SI04 or SI05 is present, then the other is required.		
			her SI06 or SI07 is present, then the other is required.		
	:		her SI08 or SI09 is present, then the other is required.		
			her SI10 or SI11 is present, then the other is required.		
			her SI12 or SI13 is present, then the other is required.		
			her SI14 or SI15 is present, then the other is required.		
			her SI16 or SI17 is present, then the other is required.		
			her SI18 or SI19 is present, then the other is required.		
0		9 If eit	her SI20 or SI21 is present, then the other is required.		
Semantic			defines the source for each of the service characteristics	audi	fiere
			defines the source for each of the service characteristics *AFT (EU-9)	quai	ners.
	NULES.	SITIAF	AFT (E0-3)		
			Data Element Summary		
	Ref.	Data			
		lement	<u>Name</u>		<u>ibutes</u>
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of ser	vice	
			characteristics		
			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: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0100 POC Detail Optional 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit 12 If eit	fy changes to a line item DC03 is present, then both POC04 and POC05 are required DC07 is present, then POC06 is required. her POC08 or POC09 is present, then the other is require her POC10 or POC11 is present, then the other is require her POC12 or POC13 is present, then the other is require her POC14 or POC15 is present, then the other is require her POC16 or POC17 is present, then the other is require her POC18 or POC19 is present, then the other is require her POC20 or POC21 is present, then the other is require her POC20 or POC21 is present, then the other is require her POC22 or POC23 is present, then the other is require her POC24 or POC25 is present, then the other is require her POC26 or POC27 is present, then the other is require	ed. d. d. d. d. d. d. d. d. d.	ation)
Semantic Notes:	1 POC	201 is the purchase order line item identification.		
Comments: Notes:	POC*n*F	RZ*****ZZ*EU_DISC [POC Loop may repeat]		
- /	-	Data Element Summary		
Ref.	Data <u>Element</u>	Name	٨ + + •	ibutac
<u>Des.</u> POC01	350	Assigned Identification	0	<u>ibutes</u> AN 1/20
		Alphanumeric characters assigned for differentiation with	in a t	
		set		
		"n" = nth assigned ID within POC Loop		18 6/6
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		
		RZ Replace All Values Receiver should replace the correspo	ndinc	n values in
		the original purchase order with the v in the Purchase Order Change Trans	alues	s contained n Set
POC08	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	ər use	ea in
POC09	234	Product/Service ID	х	AN 1/48
		Identifying number for a product or service		
		"EU_DISC"		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0180 POC Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 5 If eit 6 If eit 7 If eit 8 If eit	Optional ify service chara her SI04 or SI0 her SI06 or SI0 her SI08 or SI0 her SI10 or SI1 her SI12 or SI13 her SI14 or SI1 her SI16 or SI1 her SI18 or SI1	eristic Identification acteristic data 5 is present, then the other is required. 7 is present, then the other is required. 9 is present, then the other is required. 1 is present, then the other is required. 3 is present, then the other is required. 5 is present, then the other is required. 7 is present, then the other is required. 9 is present, then the other is required. 9 is present, then the other is required. 9 is present, then the other is required. 1 is present, then the other is required. 1 is present, then the other is required.		
Comments:			urce for each of the service characteristic	s qual	ifiers.
Notes:		)*DISC NBR (E *TC OPT (EU-5			
		Data E	lement Summary		
Ref.	Data		,, ,		
M SI01	Element 559	<u>Name</u> Agency Qual	ifier Code	Attr M	<u>ibutes</u> ID 2/2
101 JIU1	555	•	ng the agency assigning the code values	IVI	
		TI	Telecommunications Industry		
M SI02	1000		acteristics Qualifier	М	AN 2/2
		Code from an characteristics ND T6	industry code list qualifying the type of se s Disconnect Number Transfer of Calls Options	ervice	
M SI03	234	Product/Serv	vice ID	М	AN 1/48
		Identifying nur	nber for a product or service		
			EU-55) = Disconnect Telephone Number 67) = Transfer of Call Options		

			-		
	Segment:	KEF	Reference Identification		
	Position:	1000			
	Loop:	POC	Optional		
	Level:	Detail	•		
	Usage:	Optional			
	Max Use:	>1			
	Purpose:	To speci	fy identifying information		
:	Syntax Notes:	1 At le	ast one of REF02 or REF03 is required.		
		2 If eit	her C04003 or C04004 is present, then the other is re	equired.	
		3 If eit	her C04005 or C04006 is present, then the other is re	equired.	
Se	mantic Notes:	1 REF	04 contains data relating to the value cited in REF02	<u>}.</u>	
	Comments:				
	Notes:	REF*IX*I	DNUM (EU-54)*DNUM		
			Data Element Summary		
	Ref.	Data			
_	Des.	<u>Element</u>			ibutes
	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 Tra	ansaction §	Set or as
			specified by the Reference Identification Qualifier		
			DNUM (EU-54) = Disconnect Line Number		
	REF03	352	Description	Х	AN 1/80
			A free-form description to clarify the related data ele	ements and	d their
			content		
			"DNUM"		

Updated: January 21, 2002

		-				
Segment:	DTN	Date/Time Re	eference			
Position:	2000					
Loop:	POC	Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	10					
Purpose:	To specify pertinent dates and times					
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.					
	2 If DTM04 is present, then DTM03 is required.					
•	3 If eit	her DTM05 or DT	M06 is present, then the other is req	uired.		
Semantic Notes:						
Comments:						
Notes:	DTM*376*TC PER{CCYYMMDD} (EU-62)					
		Data Ela	ment Cumment			
Ref.	Data	Data Elei	ment Summary			
Des.	Element	Namo		۸ + + ب	ibutes	
Des. DTM01	<u>21ement</u> 374	Date/Time Qua	lifier	M M	ID 3/3	
	5/4				10 5/5	
			type of date or time, or both date an	u ume		
		376	Delivery End			
			The date that deliveries will end			
DTM02	373	Date		Х	DT 8/8	
		Date expressed	as CCYYMMDD			
	TC PER (EU-62) = Transfer of Calls Period					

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:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	<b>9</b> If either SLN19 or SLN20 is present, then the other is required.
	<b>10</b> If either SLN21 or SLN22 is present, then the other is required.
	<b>11</b> If either SLN23 or SLN24 is present, then the other is required.
	<b>12</b> If either SLN25 or SLN26 is present, then the other is required.
	<b>13</b> If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline level is
	analogous to the level code used in a bill of materials.
	<b>3</b> SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
••••••••	2 SLN01 is related to (but not necessarily equivalent to) the baseline item
	number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each
	item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model
	No., or SKU.
Notes:	SLN*TCPRI*n*A*1*EA
	Data Element Summary
Ref.	Data

	Rei.	Dala				
	Des.	<u>Element</u>	Name	<u>Attr</u> i	<u>ibutes</u>	
М	SLN01	350	Assigned Identification	Μ	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"TCPRI"			
SLNO	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"n" = nth assigned ID within SLN loop			
М	SLN03	662	Relationship Code	М	ID 1/1	
			Code indicating the relationship between entities			
			A Add			
	SLN04	380	Quantity	Х	R 1/15	
			Numeric value of quantity			
			1 Always One			

	SLN05	C001	Composite Unit of Measure	Х		
			To identify a composite unit of measure (See Figures Ap examples of use)	pend		
М	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			

Segme	ent: SI Se	ervice Characteristic Identification					
Positi							
	op: SLN	Optional					
Lev	vel: Detail	·					
Usa	ge: Optional						
Max U							
Purpo	•	ify service characteristic data					
Syntax Not		ther SI04 or SI05 is present, then the other is required.					
		If either SI06 or SI07 is present, then the other is required.					
		either SI08 or SI09 is present, then the other is required.					
		ther SI10 or SI11 is present, then the other is required.					
		ther SI12 or SI13 is present, then the other is required.					
		her SI14 or SI15 is present, then the other is required.					
		ther SI16 or SI17 is present, then the other is required. Ther SI18 or SI19 is present, then the other is required.					
		ther SI20 or SI21 is present, then the other is required.					
Semantic Not							
Commer		I defines the source for each of the service characteristics	qual	fiers.			
Not		*TC TO PRI (EU-58)	-1				
Da	C Data	Data Element Summary					
Re		Nome	A 44	ihutaa			
M SIC		<u>Name</u> Agency Qualifier Code	M ALL	<u>ibutes</u> ID 2/2			
		Code identifying the agency assigning the code values					
		TI Telecommunications Industry					
M SIC	1000	Service Characteristics Qualifier	М	AN 2/2			
		Code from an industry code list qualifying the type of ser characteristics	vice				
		TC Transfer Announcement Number					
M SIC	3 234	Product/Service ID	М	AN 1/48			
		Identifying number for a product or service					
		TC TO PRI (EU-58) = Transfer of Calls to Primary Number	ər				

Segment:	N1 🛛	ame				
•						
Position:	5360	Outline al				
Loop:		Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:			anization, name, and code	9		
Syntax Notes:		ast one of N102 or N103				
	2 If eit	ner N103 or N104 is pre	sent, then the other is req	uired.		
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:		C NAME (EU-58b)				
		· · · ·				
		Data Element S	Summary			
Ref.	Data					
Des.	Element	Name		Attributes		
N101	98	Entity Identifier Code		M ID 2/3		
		Code identifying an org an individual	anizational entity, a physi nsfer To			
N102	93	Name		X AN 1/60		
		Free-form name				
			Fransfer of Calls to Name			
		10  NAME (10 - 300) = 1				

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	5700 N1 Detail Optional 12 To speci <b>1</b> At le <b>2</b> If eit <b>3</b> If eit <b>1</b> REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is         her C04005 or C04006 is present, then the other is         04 contains data relating to the value cited in REF0	required.	
Notes:	REF*55*	TCID (EU-58a)*PRI		
Ref.	Data	Data Element Summary	A 44-	ibutoo
<u>Des.</u> I REF01	Element 128	Name Reference Identification Qualifier	M <u>Attr</u>	ibutes 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 T specified by the Reference Identification Qualifier TCID (EU-58a) = Transfer of Calls to Identifier	ransaction S	Set or as
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data electron to content	lements and	d their
		"PRI"		

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4600 SLN Detail Optional 1	Subline Item Detail Optional					
Purpose: Syntax Notes:	To speci 1 If eitl 2 If SL 3 If SL 4 If eitl 5 If eitl 6 If eitl 7 If eitl 9 If eitl 10 If eitl 11 If eitl	fy product subline detail item data ner SLN04 or SLN05 is present, then the other is red N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. ner SLN09 or SLN10 is present, then the other is red ner SLN11 or SLN12 is present, then the other is red ner SLN13 or SLN14 is present, then the other is red ner SLN15 or SLN16 is present, then the other is red ner SLN17 or SLN18 is present, then the other is red ner SLN19 or SLN20 is present, then the other is red ner SLN19 or SLN20 is present, then the other is red ner SLN21 or SLN22 is present, then the other is red ner SLN23 or SLN24 is present, then the other is red ner SLN25 or SLN26 is present, then the other is red	quired. quired. quired. quired. quired. quired. quired. quired. quired.				
Semantic Notes:	<ol> <li>SLN</li> <li>SLN</li> <li>anale</li> <li>SLN</li> <li>to th</li> <li>SLN</li> </ol>	<ol> <li>If either SLN27 or SLN28 is present, then the other is required.</li> <li>SLN01 is the identifying number for the subline item.</li> <li>SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.</li> <li>SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.</li> </ol>					
Comments:	<ol> <li>associated segment.</li> <li>See the Data Element Dictionary for a complete list of IDs.</li> <li>SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.</li> <li>SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model</li> </ol>						
Notes:		or SKU. SEC*n*A*1*EA [SLN Loop may repeat]					
		Data Element Summary					
Ref. <u>Des.</u> SLN01	Data <u>Element</u> 350	Name Assigned Identification	М	<u>ibutes</u> AN 1/20			
		Alphanumeric characters assigned for differentiation set "TCSEC"	n within a t	ransaction			
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiatio set "n" = nth assigned ID within SLN loop	<b>O</b> n within a t	AN 1/20 transaction			
SLN03	662	Relationship CodeCode indicating the relationship between entitiesAAdd	М	ID 1/1			
SLN04	380	QuantityNumeric value of quantity1Always One	x	R 1/15			

	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed,	, or

S	egment:	SI Se	rvice Characteristic Identification					
	Position:	4700						
•	Loop:	SLN	Optional					
	Level:	Detail						
	Usage:	Optional	Optional					
N	lax Use:	>1						
F	Purpose:	To speci	To specify service characteristic data					
Syntax	x Notes:		her SI04 or SI05 is present, then the other is required.					
			If either SI06 or SI07 is present, then the other is required.					
			her SI08 or SI09 is present, then the other is required.					
			her SI10 or SI11 is present, then the other is required.					
			her SI12 or SI13 is present, then the other is required.					
			her SI14 or SI15 is present, then the other is required.					
			her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required.					
			her SI20 or SI21 is present, then the other is required.					
Semantio	c Notes:	• • • •						
	nments:	1 SI01	defines the source for each of the service characteristics	, quali	fiers.			
	Notes:		*TC TO SEC (EU-59)					
	Ref.	Data	Data Element Summary					
		Element	Name	A ++ r	ibutes			
М	<u>Des.</u> SI01	<u>559</u>	Agency Qualifier Code	M	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 ser	vice				
			characteristics					
			TC Transfer Announcement Number					
Μ	SI03	234	Product/Service ID	М	AN 1/48			
			Identifying number for a product or service					
			TC TO SEC (EU-59) = Transfer of Calls To Secondary N	umbe	r			

Segment:	N1 ⊾	ame				
Position:	5360					
Loop:		Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To identi	fy a party by type of organization, name, and code				
Syntax Notes:		ast one of N102 or N103 is required.				
eymax neteel		her N103 or N104 is present, then the other is required	ł.			
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*T	C NAME (EU-61)				
Ref.	Data	Data Element Summary				
Des.	Element	Name	Attributes			
N101	98	Entity Identifier Code	M ID 2/3			
		Code identifying an organizational entity, a physical le an individual TT Transfer To	ocation, property or			
N102	93	Name	X 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: Semantic Notes: Comments: Notes:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eitl 3 If eitl 1 REF	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.         Optional         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04006 is present, then the other is required.         her C04005 or C04006 is present, then the other is required.         TCID (EU-60)*SEC		
Ref.	Data	Data Element Summary		
I Des. I REF01	Element 128	Name Reference Identification Qualifier	<u>Attr</u> M	ibutes 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 Trans specified by the Reference Identification Qualifier TCID (EU-60) = Transfer of Calls to Identifier	action S	Set or as
REF03	352	Description A free-form description to clarify the related data eleme content "SEC"	X ents and	AN 1/80 d their

Segment:	POC	Line Item Change	ge - Resale Form (Service Details	Secti	ion)			
Position:	0100	0100						
Loop:	POC							
Level:	Detail							
Usage:	Optional							
Max Use:	1							
Purpose:		specify changes to a line item						
Syntax Notes:		If POC03 is present, then both POC04 and POC05 are required. If POC07 is present, then POC06 is required.						
			9 is present, then the other is require	Ч				
			1 is present, then the other is require					
			3 is present, then the other is require					
			5 is present, then the other is require					
			7 is present, then the other is require					
			9 is present, then the other is require					
			1 is present, then the other is require					
			3 is present, then the other is require 5 is present, then the other is require					
			7 is present, then the other is require					
Semantic Notes:			order line item identification.	u.				
Comments:								
Notes:	POC*n*F	RZ*****ZZ*RE [POC	C Loop repeats RSQTY (RE-5) times	]				
Ref.	Data	Data Elemei	nt Summary					
Des.	Element	<u>Name</u>		Attr	ibutes			
POC01	350	Assigned Identific	ation	0	AN 1/20			
		Alphanumeric chara	acters assigned for differentiation with	nin a t	ransaction			
		set						
		"n" = nth assigned I	-					
POC02	670	Change or Respor	ise Type Code	Μ	ID 2/2			
		Code specifying the	e type of change to the line item					
		RZ	Replace All Values					
			Receiver should replace the correspo					
			the original purchase order with the v					
<b>D</b> 0 0 0 0			in the Purchase Order Change Trans					
POC08	235	Product/Service II		Х	ID 2/2			
		Product/Service ID (	e type/source of the descriptive numb	er use	ed in			
			Mutually Defined					
POC09	234	Product/Service II	-	х	AN 1/48			
F U UUB	234			~	AN 1/40			
		"RE"	for a product or service					
		RE						

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*SA*LNA (RE-12)
	SI*TI*TN*TNS (RE-15)
	SI*TI*OT*OTN (RE-19)
	SI*TI*T6*TC OPT (RE-35)
	SI*TI*LZ*LSCP (RE-53)
	SI*TI*NQ*NPI (RE-11)

## Data Element Summary

	Ref.	Data	N	-		
84	Des.	Element	Name	Cada		ibutes
М	SI01	559	Agency Qualifier		Μ	ID 2/2
				ne agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an indu	ustry code list qualifying the type of ser	vice	
			characteristics			
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			OT	Out Telephone Number		
			SA	Service Activity		
			Т6	Transfer of Calls Options		
			TN	Telephone Number		
М	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			LNA (RE-12) = Lir			
			CT= (DWS: X-T	<b>U</b> ,		
			C= (DWS: C-Ch	<b>U</b> ,		
			A= (DWS: N-Ne			
			D = (DWS: D-Dis			
			P= (DWS: P-PI	onversion of service as specified)		
				asonal Suspend)		
			_ (22.200			
			TNS (RE-15) = Te	lephone Numbers		

OTN (RE-19) = Out Telephone Number TC OPT (RE-35) = Transfer of Calls Options LSCP (RE-53) = Local Service Provider Change Prohibited NPI (RE-11) = Number Portability Indicator

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eitt 3 If eitt 1 REF	Reference Identification         Optional         y 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.         NUM (RE-9)*LNUM		
		SAN (RE-26)		
Ref.	Data	Data Element Summary		
<u>Des.</u> I REF01	Element 128	Name Reference Identification Qualifier	<u>Attri</u> M	ibutes ID 2/3
	120	Code qualifying the Reference Identification AE Authorization for Expense (AFE) Nun IX Item Number		10 2/3
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion S	Set or as
		LNUM (RE-9) = Line Number SAN (RE-26) = Subscriber Authorization Number		
REF03	352	Description A free-form description to clarify the related data element content "LNUM"	X ts and	AN 1/80 I their

Segment:	DTN	Date/Time Referer	nce		
Position:	2000				
Loop:	POC	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	10				
Purpose:	•	fy pertinent dates and t			
Syntax Notes:			103 or DTM05 is required.		
		M04 is present, then D		لم	
Comentie Nates	3 If elt		s present, then the other is require	a.	
Semantic Notes: Comments:					
Notes:		S*TC PER{CCYYMMDE			
NOLES.			)} (RE-40)		
		Data Element	Summarv		
Ref.	Data		,		
Des.	<b>Element</b>	Name		Attr	ibutes
I DTM01	374	Date/Time Qualifier		Μ	ID 3/3
		Code specifying type	of date or time, or both date and ti	me	
			elivery End		
			he date that deliveries will end		
571400			le date that deliveries will end		
DTM02	373	Date		Х	DT 8/8
		Date expressed as CO	CYYMMDD		
		TC PER (RE-40) = Tra	ansfer of Calls Period		

Updated: January 21, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	3400 N1 0 Detail Optional 1 To identi 1 At le 2 If eith	ast one of N102 or her N103 or N104 is	s present, then the other is required.		
Comments:	orga must party <b>2</b> N105	nizational identificat provide a key to th /. 5 and N106 further	he, provides the most efficient method of tion. To obtain this efficiency the "ID Co he table maintained by the transaction p define the type of entity in N101.	ode" (	(N104)
Notes:	N1*P9**2	11*PIC (RE-30)			
		Data Eleme	ent Summary		
Ref. <u>Des.</u>	Data Element	Name		Λ++r	ibutes
N101	<u>98</u>	Entity Identifier (	Code	M	ID 2/3
		-	n organizational entity, a physical locat Primary Interexchange Carrier (PIC) Identifies the carrier who will handle th interexchange calls		oroperty or
N103	66	<b>Identification Co</b>		Х	ID 1/2
		Code designating Identification Code 41	the system/method of code structure u (67) Telecommunications Carrier Identifica Identifies the Interexchange carrier for being billed	ation (	Code
N104	67	Identification Co		Χ	AN 2/80
		Code identifying a	party or other code		
		PIC (RE-30) = Inte	rLATA Pre-subscription Indicator Code		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3400 N1 Detail Optional 1 To identi 1 At le 2 If eit 1 This orga mus part 2 N10	fy a party by type of or ast one of N102 or N10 her N103 or N104 is pr segment, used alone, nizational identification t provide a key to the t /.	ganization, name, and code 03 is required. resent, then the other is required. provides the most efficient method o . To obtain this efficiency the "ID Co able maintained by the transaction ne the type of entity in N101.	de"	(N104)
		Data Element	Summary		
Ref.	Data	Data Elomont	Cannary		
Des.	<u>Element</u>			<u>Attr</u>	<u>ibutes</u>
N101	98	Entity Identifier Cod		М	ID 2/3
		an individual 8V Pi	rganizational entity, a physical locat rimary Intra-LATA (Local Access Tra arrier		
N103	66	Identification Code	Qualifier	Χ	ID 1/2
		Identification Code (67 41 Te Id	system/method of code structure u 7) elecommunications Carrier Identifica entifies the Interexchange carrier fo eing billed	ition	Code
N104	67	Identification Code		Х	AN 2/80
		Code identifying a par	-		
		LPIC (RE-31) = IntraL	ATA Pre-subscription Indicator Cod	е	

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:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	<b>9</b> If either SLN19 or SLN20 is present, then the other is required.
	<b>10</b> If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
Comontio Notoo	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol> <li>SLN01 is the identifying number for the subline item.</li> <li>SLN02 is the identifying number for the subline level. The subline level is</li> </ol>
	<ul><li>analogous to the level code used in a bill of materials.</li><li>3 SLN03 is the configuration code indicating the relationship of the subline item</li></ul>
	to the baseline item.
	<ul><li>4 SLN08 is a code indicating the relationship of the price or amount to the</li></ul>
	associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item
	number. Example: 1.1 or 1A might be used as a subline number to relate to
	baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each
	item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model
	No., or SKU.
Notes:	SLN*TCPRI*n*A*1*EA
	Data Element Summary
Pof	Data

м	Ref. <u>Des.</u> SLN01	Data <u>Element</u> 350	<u>Name</u> Assigned Io	lentification	<u>Attr</u> M	<u>ibutes</u> AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set "TCPRI"				
	SLN02	350		lentification	0	AN 1/20	
			set	ic characters assigned for differe	entiation within a t	ransaction	
М	SLN03	662	Relationshi	p Code	М	ID 1/1	
			Code indicating the relationship between entities				
			А	Add			
	SLN04	380	Quantity		X	R 1/15	
			Numeric value of quantity				
			1	Always One			

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	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	ssed	, or

	Segment:	SI Se	rvice Characteristic Identification							
	Position:	4700								
	Loop:	SLN	Optional							
	Level:	Detail								
	Usage:	Optional								
	Max Use:	>1								
	Purpose:		fy service characteristic data							
Sy	ntax Notes:		her SI04 or SI05 is present, then the other is required.							
			her SI06 or SI07 is present, then the other is required.							
			her SI08 or SI09 is present, then the other is required.							
			······································							
			her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required.							
			her SI16 or SI17 is present, then the other is required.							
			her SI18 or SI19 is present, then the other is required.							
			her SI20 or SI21 is present, then the other is required.							
Sem	antic Notes:		···· ···· ····························							
	Comments:	1 SI01	defines the source for each of the service characteristics	s quali	ifiers.					
	Notes:	SI*TI*TC	*TC TO PRI (RE-38)							
			Data Element Summary							
	Ref.	Data	Data Element Summary							
	Des.	Element	Name	Attr	ibutes					
М	SI01	559	Agency Qualifier Code	M	ID 2/2					
			Code identifying the agency assigning the code values							
			TI Telecommunications Industry							
Μ	SI02	1000	Service Characteristics Qualifier	М	AN 2/2					
			Code from an industry code list qualifying the type of ser 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 PRI (RE-38) = Transfer of Calls to Primary Numb	er						

Segment:	N1 N	lame					
Position:	5360						
Loop:		Optional					
Level:	Detail	optional					
Usage:	Optional						
Max Use:	1						
Purpose:	To identi	ify a party by type (	of organization, name, and co	de			
Syntax Notes:		east one of N102 or					
eymax neteer		•					
Semantic Notes:				4			
Comments:	orga mus party	organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.					
Notes:		C NAME (RE-38b)	define the type of entity in N1	01.			
NOICS.							
		Data Elem	ent Summary				
Ref.	Data						
<u>Des.</u>	<u>Element</u>		<b>-</b> .	Attributes			
N101	98	Entity Identifier	Code	M ID 2/3			
		Code identifying a an individual TT	an organizational entity, a phy Transfer To	sical location, property or			
N102	93	<b>Name</b> Free-form name		X AN 1/60			
		TC NAME (RE-38	b) = Transfer of Calls to Name	9			

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	5700 N1 Detail Optional 12 To speci <b>1</b> At le <b>2</b> 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.					
Semantic Notes: Comments: Notes:		<ul> <li>REF04 contains data relating to the value cited in REF02.</li> <li>REF*55*TCID (RE-38a)*PRI</li> </ul>					
		Data Element Summary					
Ref. <u>Des.</u> I REF01	Data <u>Element</u> 128	NameReference Identification QualifierCode qualifying the Reference Identification55Sequence Number	Attr M	<u>ibutes</u> ID 2/3			
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Trans specified by the Reference Identification Qualifier TCID (RE-38a) = Transfer of Calls to Identifier	X saction S	AN 1/30 Set or as			
REF03	352	Description A free-form description to clarify the related data eleme content "PRI"	X ents and	<b>AN 1/80</b> d their			

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4600 SLN Detail Optional 1	Subline Item Detail Optional					
Purpose: Syntax Notes:	To speci 1 If eitl 2 If SL 3 If SL 4 If eitl 5 If eitl 6 If eitl 7 If eitl 9 If eitl 10 If eitl 11 If eitl	fy product subline detail item data her SLN04 or SLN05 is present, then the other is re- N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is re- her SLN11 or SLN12 is present, then the other is re- her SLN13 or SLN14 is present, then the other is re- her SLN15 or SLN16 is present, then the other is re- her SLN17 or SLN18 is present, then the other is re- her SLN19 or SLN20 is present, then the other is re- her SLN21 or SLN20 is present, then the other is re- her SLN21 or SLN22 is present, then the other is re- her SLN23 or SLN24 is present, then the other is re- her SLN25 or SLN26 is present, then the other is re-	quired. quired. quired. quired. quired. quired. quired. quired.				
Semantic Notes:	<ol> <li>SLN</li> <li>SLN</li> <li>anale</li> <li>SLN</li> <li>to th</li> <li>SLN</li> </ol>	<ol> <li>If either SLN27 or SLN28 is present, then the other is required.</li> <li>SLN01 is the identifying number for the subline item.</li> <li>SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.</li> <li>SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.</li> </ol>					
Comments:	1 See 2 SLN num base 3 SLN item	2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.					
Notes:		or SKU. SEC*n*A*1*EA [SLN Loop may repeat]					
		Data Element Summary					
Ref. <u>Des.</u> SLN01	Data <u>Element</u> 350	Name Assigned Identification Alphanumeric characters assigned for differentiation	М	<b>ibutes</b> AN 1/20 transaction			
SLN02	350	set "TCSEC" Assigned Identification	0	AN 1/20			
		Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within SLN loop	n within a t	ransaction			
SLN03	662	Relationship CodeCode indicating the relationship between entitiesAAdd	М	ID 1/1			
SLN04	380	QuantityNumeric value of quantity1Always One	X	R 1/15			

	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	lix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	ssed	, or

Segment	SI se	rvice Characteristic Identification		
Position				
Loop		Optional		
Level		optional		
Usage				
Max Use	•			
Purpose	To spec	ify service characteristic data		
Syntax Notes:		her SI04 or SI05 is present, then the other is required.		
		her SI06 or SI07 is present, then the other is required.		
		her SI08 or SI09 is present, then the other is required.		
		her SI10 or SI11 is present, then the other is required.		
		her SI12 or SI13 is present, then the other is required.		
		her SI14 or SI15 is present, then the other is required.		
		her SI16 or SI17 is present, then the other is required.		
		her SI18 or SI19 is present, then the other is required.		
		her SI20 or SI21 is present, then the other is required.		
Semantic Notes:		defines the second for each of the service characteristics		<i>t</i> :
Comments: Notes:		defines the source for each of the service characteristics *TC TO SEC (RE-39)	s quai	ners.
Notes.	51110	TC TO SEC (RE-39)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>		-	ibutes
M SI01	559	Agency Qualifier Code	Μ	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
		Code from an industry code list qualifying the type of set	vice	
		characteristics		
		TC Transfer Announcement Number		
M SI03	234	Product/Service ID	Μ	AN 1/48
		Identifying number for a product or service		
		TC TO SEC (RE-39) = Transfer of Calls To Secondary N	umbe	r

Segment:	N1 N	lame								
Position:	5360									
Loop:		Optional								
Level:	Detail	Optional								
Usage: Max Use:	optional	Optional								
	I To identii	fy a party by type	o of organization name and	aada						
Purpose:			e of organization, name, and	code						
Syntax Notes:			or N103 is required.	required						
Semantic Notes:	∠ n eiu	ner in 103 of in 10	4 is present, then the other is	required.						
••••••••	1 This	accoment used	along provides the most offic	iont mothed of providing						
Comments:										
	organizational identification. To obtain this efficiency the "ID Code" (N104)									
		must provide a key to the table maintained by the transaction processing								
	party 2 N10	·	er define the type of entity in	N101						
Notes:		C NAME (RE-42)		NIUI.						
NOLES.		C NAME (IL-42)	)							
		Data Ele	ement Summary							
Ref.	Data		sment Summary							
Des.	Element	Name		Attributes						
N101	<u>98</u>	Entity Identifie	er Code	M ID 2/3						
	50	-								
		an individual	g an organizational entity, a p	physical location, property of						
			Transfer To							
			Transier TO							
N102	93	Name		X AN 1/60						
		Free-form name	9							
		TC NAME (RE-	42) = Transfer of Calls to Na	ne						
		•	•							

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eitt 3 If eitt 1 REF	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.         Optional         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04006 is present, then the other is required.         her C04005 or C04006 is present, then the other is required.         Optional         Optional         TCID (RE-41)*SEC		
Ref.	Data	Data Element Summary	۸++-	ibutes
<u>Des.</u> I REF01	<u>Element</u> 128	Reference Identification Qualifier	M Attr	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 Trans specified by the Reference Identification Qualifier TCID (RE-41) = Transfer of Calls to Identifier	action S	Set or as
REF03	352	Description A free-form description to clarify the related data eleme content "SEC"	X ents and	AN 1/80 d their

Segment:	SI N	Subline Item Detail		
Position: Loop: Level: Usage:	4600 SLN Detail Optional	Optional		
Max Use: Purpose: Syntax Notes:	1If eit2If SL3If SL4If eit5If eit6If eit7If eit9If eit10If eit11If eit	fy product subline detail item data her SLN04 or SLN05 is present, then the other is require .N07 is present, then SLN06 is required. .N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is require her SLN11 or SLN12 is present, then the other is require her SLN13 or SLN14 is present, then the other is require her SLN15 or SLN16 is present, then the other is require her SLN17 or SLN18 is present, then the other is require her SLN19 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 SLN25 or SLN26 is present, then the other is require	ed. ed. ed. ed. ed. ed. ed. ed.	
Semantic Notes:	13 If eit 1 SLN 2 SLN anal 3 SLN to th 4 SLN	her SLN27 or SLN28 is present, then the other is require 01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The su ogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the baseline item. 08 is a code indicating the relationship of the price or an	ed. Ibline le of the si	ubline item
Comments:	1 See 2 SLN num base 3 SLN item	bciated segment. the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the b ber. Example: 1.1 or 1A might be used as a subline nur eline number 1. 09 through SLN28 provide for ten different product/service. For example: Case, Color, Drawing No., U.P.C. No., I	mber to ce IDs f	relate to or each
Notes:	SLN*IW*	or SKU. m*A*IWJQ (RE-49)*EA****EQ*IWJK (RE-48) [SLN Loop /iring pair]	may re	epeat per
		Data Element Summary		
Ref. <u>Des.</u>	Data Element	Name	Attr	ibutes
SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation w set	М	AN 1/20
SLN02	350	"IW" Assigned Identification Alphanumeric characters assigned for differentiation w set "n" = nth assigned ID within SLN loop	O ithin a t	AN 1/20 transaction
SLN03	662	Relationship Code         Code indicating the relationship between entities         A       Add	Μ	ID 1/1
SLN04	380	Quantity Numeric value of quantity	X	R 1/15
datadu January 04, 0	002 0	est Communications International Inc		206

		IWJQ (RE-49) = Inside Wire Jack Quantity			
SLN05	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures Ap examples of use) Unit or Basis for Measurement Code	penc M	lix for ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed	, or
	SLN09	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) EQ Equipment Type	er use	ed in
	SLN10	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			IWJK (RE-48) = Inside Wire Jack Code		

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:	1 If either SLN04 or SLN05 is present, then the other is required.
•	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	9 If either SLN19 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol> <li>SLN01 is the identifying number for the subline item.</li> </ol>
	2 SLN02 is the identifying number for the subline level. The subline level is
	analogous to the level code used in a bill of materials.
	<b>3</b> SLN03 is the configuration code indicating the relationship of the subline item
	to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item
	number. Example: 1.1 or 1A might be used as a subline number to relate to
	baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each
	item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model
	No., or SKU.
Notes:	SLN*BL*n*A*1*EA
<b>-</b> /	Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		Attr	ibutes		
Μ	SLN01	350	Assigned Iden	ntification	М	AN 1/20		
			set	characters assigned for differentiation	within a t	ransaction		
			"BL"					
	SLN02	350	Assigned Iden	ntification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction					
			set					
			"n" = nth assigr	ned ID within SLN loop				
М	SLN03	662	Relationship (	Code	М	ID 1/1		
			Code indicating the relationship between entities					
			Α	Add				
	SLN04	380	Quantity		Х	R 1/15		
			Numeric value	of quantity				
			1	Always One				

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	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
М	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	ssed,	, or

Se	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes: Comments: Notes:	4700 SLN Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit	Prvice Characteristic Identification Optional fy service characteristic data her SI04 or SI05 is present, then the other is required. her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI10 or SI11 is present, then the other is required. her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required.	s quali	ifiers.
	Ref.	Data	Data Element Summary		
м	<u>Des.</u> SI01	Element 559		<u>Attr</u>	ibutes
		559	Agency Qualifier Code	Μ	ID 2/2
		559	Code identifying the agency assigning the code values	М	ID 2/2
м	SI02	1000	Code identifying the agency assigning the code values	м	ID 2/2 AN 2/2
Μ	SI02		Code identifying the agency assigning the code valuesTITelecommunications Industry	м	-
M	SI02 SI03		Code identifying the agency assigning the code values TI Telecommunications Industry Service Characteristics Qualifier Code from an industry code list qualifying the type of ser characteristics	м	-
		1000	Code identifying the agency assigning the code values         TI       Telecommunications Industry         Service Characteristics Qualifier         Code from an industry code list qualifying the type of ser characteristics         BB       Blocking Activity         Product/Service ID         Identifying number for a product or service	M ∿ice	AN 2/2
	SI03	1000 234	Code identifying the agency assigning the code valuesTITelecommunications IndustryService Characteristics QualifierCode from an industry code list qualifying the type of sercharacteristicsBBBBBlocking ActivityProduct/Service IDIdentifying number for a product or serviceBA (RE-54) = Blocking Activity	M vice M	AN 2/2 AN 1/48
		1000	Code identifying the agency assigning the code values         TI       Telecommunications Industry         Service Characteristics Qualifier         Code from an industry code list qualifying the type of ser characteristics         BB       Blocking Activity         Product/Service ID         Identifying number for a product or service         BA (RE-54) = Blocking Activity         Service Characteristics Qualifier	M tvice M	AN 2/2
	SI03	1000 234	Code identifying the agency assigning the code valuesTITelecommunications IndustryService Characteristics QualifierCode from an industry code list qualifying the type of sercharacteristicsBBBBBlocking ActivityProduct/Service IDIdentifying number for a product or serviceBA (RE-54) = Blocking Activity	M tvice M	AN 2/2 AN 1/48
	SI03	1000 234	Code identifying the agency assigning the code values         TI       Telecommunications Industry         Service Characteristics Qualifier         Code from an industry code list qualifying the type of ser         characteristics         BB       Blocking Activity         Product/Service ID         Identifying number for a product or service         BA (RE-54) = Blocking Activity         Service Characteristics Qualifier         Code from an industry code list qualifying the type of ser	M tvice M	AN 2/2 AN 1/48 AN 2/2
	SI03	1000 234	Code identifying the agency assigning the code valuesTITelecommunications IndustryService Characteristics QualifierCode from an industry code list qualifying the type of ser characteristicsBBBlocking ActivityProduct/Service IDIdentifying number for a product or serviceBA (RE-54) = Blocking ActivityService Characteristics QualifierCode from an industry code list qualifying the type of ser characteristicsTBBlocking/Billling ExceptionProduct/Service ID	M tvice M	AN 2/2 AN 1/48
	SI03 SI04	1000 234 1000	Code identifying the agency assigning the code valuesTITelecommunications IndustryService Characteristics QualifierCode from an industry code list qualifying the type of sercharacteristicsBBBBlocking ActivityProduct/Service IDIdentifying number for a product or serviceBA (RE-54) = Blocking ActivityService Characteristics QualifierCode from an industry code list qualifying the type of sercharacteristicsTBBlocking/Billing Exception	M rvice M X rvice	AN 2/2 AN 1/48 AN 2/2

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4600 SLN Detail Optional 1	Subline Item Detail Optional						
Purpose: Syntax Notes:	To specir 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith 10 If eith	<ul> <li>To specify product subline detail item data</li> <li>If either SLN04 or SLN05 is present, then the other is required.</li> <li>If SLN07 is present, then SLN06 is required.</li> <li>If SLN08 is present, then SLN06 is required.</li> <li>If either SLN09 or SLN10 is present, then the other is required.</li> <li>If either SLN11 or SLN12 is present, then the other is required.</li> <li>If either SLN13 or SLN14 is present, then the other is required.</li> <li>If either SLN15 or SLN16 is present, then the other is required.</li> <li>If either SLN17 or SLN18 is present, then the other is required.</li> </ul>						
Semantic Notes:	12 If eith 13 If eith 1 SLN4 2 SLN4 analo 3 SLN4 to th 4 SLN4							
Comments:	1 See 2 SLN numl base 3 SLN item.	<ol> <li>SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.</li> <li>SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model</li> </ol>						
Notes:		or SKU. n*A*1*EA [SLN Loop may repeat per FA/FEATURE	pair]					
		Data Element Summary						
Ref. <u>Des.</u> SLN01	Data <u>Element</u> 350	<u>Name</u> Assigned Identification	М	<u>ibutes</u> AN 1/20				
		Alphanumeric characters assigned for differentiation set "FA"	within a t	ransaction				
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation set "n" = nth assigned ID within SLN loop	O within a t	AN 1/20 ransaction				
SLN03	662	Relationship CodeCode indicating the relationship between entitiesAAdd	Μ	ID 1/1				
SLN04	380	QuantityNumeric value of quantity1Always One	X	R 1/15				

	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	lix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being exprese manner in which a measurement has been taken EA Each	ssed,	, or

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4700 SLN Detail Optional >1 To speci	rvice Characteristic Identification Optional fy service characteristic data her SI04 or SI05 is present, then the other is required.	auired.	
	Semantic Notes:	<ul> <li>2 If eit</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> </ul>	her SI04 of SI03 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI08 or SI11 is present, then the other is required. her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required.	qual	ifiors
	Notes: SI*TI		*FEATURE DETAIL (RE-60) [SI Segment may repeat]	quai	
			Data Element Summary		
	Ref.	Data	Nama	A 44.	ibutoo
М	<u>Des.</u> SI01	<u>Element</u> 559	Name Agency Qualifier Code	M	<u>ibutes</u> ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			FD Feature Data		
	0100		SA Service Activity		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			FA (RE-58) = Feature Activity A = (DWS: N- Add)		
			C = (DWS: C-Change (old values))		
			D = (DWS: D-Disconnect) V = (DWS: V-Conversion as specified)		
			T = (DWS: T-Change (new values))		
			FEATURE DETAIL (RE-60) = Feature Detail		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	ice	
	0105	004	SC Service Category	v	
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service FEATURE (RE-59) = Feature Codes		
			reature odues		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0100 POC Detail Optional 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit	Line Item Change - DL Form (Delivery Address Second         Optional         fy changes to a line item         DC03 is present, then both POC04 and POC05 are required         DC07 is present, then POC06 is required.         her POC08 or POC09 is present, then the other is required         her POC10 or POC11 is present, then the other is required         her POC12 or POC13 is present, then the other is require         her POC14 or POC15 is present, then the other is require         her POC16 or POC17 is present, then the other is require         her POC18 or POC19 is present, then the other is require         her POC16 or POC17 is present, then the other is require         her POC20 or POC21 is present, then the other is require         her POC20 or POC21 is present, then the other is require         her POC20 or POC21 is present, then the other is require         her POC22 or POC23 is present, then the other is require         her POC24 or POC25 is present, then the other is require         her POC26 or POC27 is present, then the other is require	ed. d. d. d. d. d. d. d. d. d.	)
Semantic Notes:		C01 is the purchase order line item identification.		
Comments: Notes:		RZ*****ZZ*DA [POC Loop repeats DDQTY (DL-23) times	1	
NOLES.	FUCIT			
		Data Element Summary		
Ref.	Data	-		
Des.	Element	Name		ibutes
POC01	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with	in a t	ransaction
		set "n" = nth assigned ID within POC Loop		
POC02	C02 670	Change or Response Type Code	м	ID 2/2
	010	Code specifying the type of change to the line item		10 2/2
		RZ Replace All Values		
		Receiver should replace the correspo the original purchase order with the v in the Purchase Order Change Trans	alues	contained
POC08	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er use	əd in
POC09	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"DA"		

Segmer	t SI sa	ervice Characteristic Identification		
Positio Loo		Optional		
Leve		Optional		
Usag				
Max Us				
Purpos		ify service characteristic data		
Syntax Note	•	her SI04 or SI05 is present, then the other is required.		
-		her SI06 or SI07 is present, then the other is required.		
		her SI08 or SI09 is present, then the other is required.		
		ther SI10 or SI11 is present, then the other is required.		
		ther SI12 or SI13 is present, then the other is required.		
		ther SI14 or SI15 is present, then the other is required.		
		her SI16 or SI17 is present, then the other is required.		
		ther SI18 or SI19 is present, then the other is required. ther SI20 or SI21 is present, then the other is required.		
Semantic Note				
Comment	-	defines the source for each of the service characteristics	s quali	fiers
Note		)*DACT (DL-81)	quan	
		Data Element Summary		
Ref.		News		
M SI01		<u>Name</u> Agency Qualifier Code	<u>Attr</u> M	<u>ibutes</u> ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
		Code from an industry code list qualifying the type of se characteristics AD Address Activity	rvice	
M \$103	234	Product/Service ID	м	AN 1/48
	204	Identifying number for a product or service	141	
		DACT (DL-81) = Delivery Activity		
		DACT (DL-OT) = Delivery Activity		

Sema	Segment: Position: Loop: Level: Usage: Max Use: Purpose: vntax Notes: antic Notes: Comments: Notes:	2930 QTY Detail Optional 1 To speci 1 At le 2 Only 1 QTY	Quantity Optional ify quantity information east one of QTY02 or QTY04 is required. one of QTY02 or QTY04 may be present. '04 is used when the quantity is non-numeric.			
	Data Element Summary					
	Ref.	Data				
	Des.	<u>Element</u>			ributes	
Μ	QTY01	673	Quantity Qualifier	Μ	ID 2/2	
			Code specifying the type of quantity			
			31 Additional Demand Quantity			
	QTY02	380	Quantity	Х	R 1/15	
			Numeric value of quantity			
			DIRQTYA (DL-103) = Number of Directories for Annual D	Deliver	У	
	QTY03	C001	Composite Unit of Measure	0	-	
			To identify a composite unit of measure (See Figures A examples of use)	ppend	dix for	
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2	
			Code specifying the units in which a value is being expre- manner in which a measurement has been taken DY Directory Books Number of directory books delivered			

Pos L U Max	sition: 2930 Loop: QTY Level: Detail sage: Optiona (Use: 1 pose: To spe lotes: 1 At 2 On lotes: 1 QT	Y Quantity         Optional         al         cify quantity information         least one of QTY02 or QTY04 is required.         ly one of QTY02 or QTY04 may be present.         Y04 is used when the quantity is non-numeric.				
		3*DIRQTYNC (DL-104)*DY				
	Data Element Summary Ref. Data					
	Des. Elemen	t <u>Name</u>	Attr	ibutes		
M Q	TY01 673	Quantity Qualifier	Μ	ID 2/2		
		Code specifying the type of quantity				
		38 Original Quantity				
Q	TY02 380	Quantity	Х	R 1/15		
		Numeric value of quantity				
		DIRQTYNC (DL-104) = Number of Directories Delivered c Connect	on Nev	N		
Q	TY03 C001	Composite Unit of Measure	0			
		To identify a composite unit of measure (See Figures Ap examples of use)				
M C	00101 355	Unit or Basis for Measurement Code	Μ	ID 2/2		
		Code specifying the units in which a value is being expre manner in which a measurement has been taken	essed	, or		
		DY Directory Books				

Segment:	N1 ⊾	lame				
Position:	3400					
Loop:	N1	Optional				
Level:	Detail	•				
Usage:	Optional					
Max Use:	1					
Purpose:	To identi	ify a party by type o	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 i	s present, then the other is required.			
Semantic Notes:						
Comments:	orga mus party	organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.				
Notes:		DELNAME	define the type of entity in N101.			
NO(65.						
		Data Elem	ent Summary			
Ref.	Data					
Des.	<u>Element</u>			<u>Attributes</u>		
N101	98	Entity Identifier (	Code	M ID 2/3		
		Code identifying a an individual DA	n organizational entity, a physical loca Delivery Address	tion, property or		
N102	93	Name		X AN 1/60		
		Free-form name				
		"DELNAME"				

Segment:	N4 a	Beographic Location			
Position:	3700				
Loop:	N1	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:		fy the geographic place of the named party			
Syntax Notes:		one of N402 or N407 may be present.			
		06 is present, then N405 is required.			
• · · · · ·	3 If N4	07 is present, then N404 is required.			
Semantic Notes:			•		
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be				
		quate to specify a location.			
Notes:		2 is required only if city name (N401) is in the U.S. or Car	iada.		
Notes:	IN4 51A	TE (DL-99)*ZIP (DL-100)			
		Data Element Summary			
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ibutes</u>	
N402	156	State or Province Code	Х	ID 2/2	
		Code (Standard State/Province) as defined by appropriat	e gov	ernment	
		agency	0		
		STATE (DL-99) = State/Province			
N403	116	Postal Code	0	ID 3/15	
		Code defining international postal zone code excluding p	unctu	ation and	
		blanks (zip code for United States) ZIP (DL-100) = ZIP/Postal Code			

## Segment:

## NX2 Location ID Component

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes: 3750 N1 Optional Detail Optional >1 To define types and values of a geographic location

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				
	Des.	Element	<u>Name</u>			ibutes
М	NX201	1106	Address Compon		Μ	ID 2/2
			Code qualifying the	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 Informat	ion	М	AN 1/55
			Address informatio	n		
			DDANO (DL-85) =	Delivery Address Number		
			DDASN (DL-88) =	Delivery Address Street Name		
			DDASD (DL-87) =	Delivery Address Street Directional Pre	əfix	
			CITY (DL-98) = City	у		
			DDALO (DL-90a) =	<ul> <li>Delivery Address Location</li> </ul>		
			DDASS (DL-90) =	Delivery Address Street Directional Su	ffix	
			DDAPR (DL-84) =	Delivery Address Number Prefix		
			DDASF (DL-86) = I	Delivery Address Number Suffix		
				Delivery Address Street Type		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes:	0100 POC Detail Optional 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 5 If eit 6 If eit 9 If eit 10 If eit 11 If eit 12 If eit 1 POC	Optional fy changes to a line 0C03 is present, the 0C07 is present, the her POC08 or POC her POC10 or POC her POC12 or POC her POC16 or POC her POC20 or POC her POC22 or POC her POC24 or POC her POC26 or POC 01 is the purchase	e item en both POC04 and POC05 are required en POC06 is required. 09 is present, then the other is required 11 is present, then the other is required 13 is present, then the other is required 15 is present, then the other is required 17 is present, then the other is required 19 is present, then the other is required 21 is present, then the other is required 23 is present, then the other is required 23 is present, then the other is required 23 is present, then the other is required 25 is present, then the other is required 27 is present, then the other is required 28 is present, then the other is required 29 is	ed. d. d. d. d. d. d. d. d. d. d.	
		Data Elemo	ent Summary		
Ref.	Data		,, ,		
<u>Des.</u> POC01	Element 350	Name Assigned Identifi	cation	<u>Attr</u> O	<u>ibutes</u> AN 1/20
		Alphanumeric char set	racters assigned for differentiation with	nin a t	
POC02	670	Change or Respo	•	м	ID 2/2
			he type of change to the line item		
		RZ	Replace All Values		
			Receiver should replace the correspond the original purchase order with the with in the Purchase Order Change Trans	alues	contained
POC08	235	Product/Service		Х	ID 2/2
		Code identifying th Product/Service ID ZZ	e type/source of the descriptive numb (234) Mutually Defined	er use	ed in
POC09	234	Product/Service	ID	Х	AN 1/48
			for a product or service		
DOC10	005	"DL"	ID Qualifiar	v	JD 2/2
POC10	235	Product/Service Code identifying th Product/Service ID SH	e type/source of the descriptive numb		
			services available to the customer		
POC11	234	Product/Service		Х	AN 1/48
			for a product or service		
		RTY (DL-12) = Red	cora rype		

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

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*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)
	Data Element Summary

	Ref.	Data		•		
	Des.	<u>Element</u>	<u>Name</u>		<u>Attr</u>	<u>ibutes</u>
М	SI01	559	Agency Qualifier	r 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 ser	vice	
			BO	Business/Residence Placement Ove	rride	
			BR	Directory Listings Type of Account		
			DG	Degree of Indent		
			DN	Directory Book Name		
			LB	Listing Activity Indicator		
			LE	Listing Type		
			TW	Style Code		
М	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			LTY (DL-13) = Lis STYC (DL-15) = S TOA (DL-16) = Ty DOI (DL-17) = Deg DIRNAME (DL-34	Style Code pe of Account	•	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	0500 PID Detail Optional 1 To descr 1 If PII 2 At le 3 If PII 4 If PII 5 If PII 1 Use refer 2 PID0 3 PID0 indic 4 PID0 1 If PII usec	D04 is present, then ast one of PID04 or D07 is present, then D08 is present, then D09 is present, then PID03 to indicate the red to. D4 should be used fo D8 describes the phy D4. A "Y" indicates the ates it does not app D9 is used to identify D01 equals "F", then I. If PID01 equals "X	PID03 is required. PID03 is required. PID05 is required. PID03 is required. PID03 is required. PID04 is required.	code entifie his ite hen F d.	es. ed in em; an "N" PID04 is
	desc	ribed in the segme	nt.	•	-
Notes:	PID*S**T PID*S**T PID*S**T PID*S**T PID*S**T PID*S**T	D07 specifies the individual code list of the agency specified in PID03. *TI*AR***SO-RSQ*OMTN (DL-41) *TI*AS***SO-RSQ*LNPL (DL-44) *TI*AT***SO-RSQ*ADI (DL-61) *TI*AW***SO-RSQ*DML (DL-25) *TI*AX***SO-RSQ*NOSL (DL-26) *TI*AY***SO-RSQ*TMKT (DL-27) *TI*BA***SO-RSQ*PROF (DL-32)			
		Data Eleme	ent Summary		
Ref.	Data Element	Nama		٨	ikutee
<u>Des.</u> I PID01	Element 349	Item Description		M	<u>ibutes</u> ID 1/1
		•	e format of a description		
PIRAA		S Anno S	Structured (From Industry Code List)		
PID03	559	Agency Qualifier		Х	ID 2/2
		TI	e agency assigning the code values Telecommunications Industry		
PID04	751	Product Descript	ion Code	Х	AN 1/12
		A code from an inc product characteria AR AS AT AW AX AY BA	dustry code list which provides specific stic Omit Telephone Number Listed Name Placement Address Indicator Direct Mail List No Solicitation Indicator Telemarketing Professional Identifier	data	about a
PID07	822	Source Subquali		0	AN 1/15

#### Updated: January 21, 2002

Μ

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		A reference that indicates the table or text maintained by the Qualifier SO-RSQ Service Order - Reseller Questions list	
PID08	1073	Yes/No Condition or Response Code O	ID 1/1
		Code indicating a Yes or No condition or response	
		OMTN (DL-41) = Omit TN Y= (DWS: O-Omit)	
		Blank= (DWS: Blank-Do Not Omit)	
		LNPL (DL-44) = Letter Name Placement	
		Y= (DWS: L- Letter Placement)	
		Blank= (DWS: Blank-Default to Word Placement)	
		ADI (DL-61) = Address Indicator	
		Y= (DWS: O-Omit in DA and Directory) Blank= (DWS: Blank-Do Not Omit)	
		DML (DL-25) = Direct Mail List	
		Y= (DWS: O-Omit) Blank= (DWS: Blank-Do Not Omit)	
		TMKT (DL-27) = Telemarketing	
		Y= (DWS: O-Omit from Telemarketing)	
		Blank= (DWS: Blank-Do Not Omit)	
		NOSL (DL-26) = No Solicitation Indicator	
		PROF (DL-32) = Professional Identifier	

Segment: Position: Loop:	<b>REF</b> 1000 POC	Reference Identification		
Level:	Detail			
Usage:	Optional			
Max Use:	>1 Ta ana ai			
Purpose:	•	fy identifying information		
Syntax Notes:	2 If eit 3 If eit	ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is rec her C04005 or C04006 is present, then the other is rec		
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.		
Notes:	REF*LI*	ALI (DL-11)		
<b>.</b> .	-	Data Element Summary		
Ref.	Data	News	A 11-	
<u>Des.</u> I REF01	Element 128	Name Reference Identification Qualifier	Attr M	ibutes ID 2/3
	120	Code qualifying the Reference Identification		10 2/0
		Line Item Identifier (Seller's)		
REF02	127	Reference Identification	х	AN 1/30
		Reference information as defined for a particular Transpecified by the Reference Identification Qualifier ALI (DL-11) = Alpha/Numeric Listing Identifier Code	saction S	Set or as

Updated: January 21, 2002

S	egment:	N9 R	Reference Identific	ation	
F	Position:	3200			
	Loop:	N9	Optional		
	Level:	Detail	•		
	Usage:	Optional			
N	lax Use:	1			
F	Purpose:	To transi	mit identifying inforr	nation as specified by the Ref	erence Identification
	•	Qualifier	, ,		
Synta	x Notes:	1 At le	ast one of N902 or	N903 is required.	
-		2 If N9	006 is present, then	N905 is required.	
		3 If eit	her C04003 or C04	004 is present, then the other	is required.
		4 If eit	her C04005 or C04	006 is present, then the other	is required.
Semanti	c Notes:	1 N90	6 reflects the time z	one which the time reflects.	
		<b>2</b> N90	7 contains data rela	ting to the value cited in N902	2.
Cor	nments:				
	Notes:	N9*82*P	LA		
			Data Elem	ent Summary	
	Ref.	Data			
_	Des.	<u>Element</u>			Attributes
1	N901	128	Reference Identi	fication Qualifier	M ID 2/3
			Code qualifying the	e Reference Identification	
			82	Data Item Description (DID)	Reference
				Specific data elements that	the government will ask
				a contractor to provide and a	5
				requirement documents	
	N902	127	<b>Reference Identi</b>		X AN 1/30
			Reference informa	tion as defined for a particular	Transaction Set or as
				eference Identification Qualifie	
			"PLA"		

Segment: Position: Loop:	MTX Text 3260 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> <li>If MTX03 is present, then MTX02 is required.</li> <li>If MTX05 is present, then MTX04 is required.</li> </ol>	
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 MTX05 is required.</li> </ol>	e print", then
Notes:	MTX**PLA (DL-55)	
	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	

PLA (DL-55) = Place Listing As

	Segment:	N9 F	Reference Identification	
	•			
	Position: Loop:	3200 N9	Optional	
	Level:	Detail	Optional	
	Usage:	Optional		
	Max Use:	1		
	Purpose:	To trans Qualifier	mit identifying information as specified by the Re	ference Identification
Syr	ntax Notes:	1 At le	east 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	
_			her C04005 or C04006 is present, then the other	is required.
Sema	ntic Notes:		6 reflects the time zone which the time reflects.	_
		<b>2</b> N90	7 contains data relating to the value cited in N90	2.
C	Comments: Notes:	NI0*00*I -		
	notes:	119 62 L	TXTY*LTXTY (DL-57)	
			Data Element Summary	
	Ref.	Data	-	
	Des.	<u>Element</u>		<u>Attributes</u>
l	N901	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			82 Data Item Description (DID)	Reference
			Specific data elements that	
			a contractor to provide and requirement documents	•
	N902	127	Reference Identification	X AN 1/30
			Reference information as defined for a particula specified by the Reference Identification Qualifi "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:	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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before MTX05 is required.</li> </ol>	e print", then				
Notes:	MTX**LTEXT (DL-59)					
	Dete Flowent Summers					
Def	Data Element Summary					
Ref.	Data Element Name	Attributes				
<u>Des.</u> MTX02	1551 Message Text	X AN 1/4096				
WIT XUZ		A AN 1/4030				
	To transmit large volumes of message text					

LTEXT (DL-59) = Line of Text

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	3200 N9 Detail Optional 1 To trans Qualifier 1 At le 2 If N9 3 If eit 4 If eit 1 N900	Reference Identification Optional mit identifying information as specified by the Reference I ast one of N902 or N903 is required. 06 is present, then N905 is required. her C04003 or C04004 is present, then the other is requir her C04005 or C04006 is present, then the other is requir of reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.	ed.	ication
Ref. <u>Des.</u> N901 N902	Data <u>Element</u> 128 127	Data Element Summary         Name         Reference Identification Qualifier         Code qualifying the Reference Identification         H7       Standard Clause         Reference Identification	Attr M X	<u>ibutes</u> ID 2/3 AN 1/30
N903	369	Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions Free-form Description Free-form descriptive text "DL"	ction s	

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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print", then</li> </ol>
•••••••	MTX05 is required.
Notes:	MTX**REMARKS (DL-113)
	Data Element Summary
Ref.	Data
Des.	Element Name Attributes
MTX02	1551 Message Text X AN 1/4096
	To transmit large volumes of message text
	REMARKS (DL-113) = Remarks

Segment:		ame					
Position:	3400						
Loop:		Optional					
Level:	Detail						
Usage:	Optional						
Max Use:	1 Ta idanti	v a party by type of area	onization name and add				
Purpose:			anization, name, and code				
Syntax Notes:		ast one of N102 or N103					
Semantic Notes:	Z If ett	ier in 103 of in 104 is pre	sent, then the other is required.				
Comments:	1 This	normant used along in	ravidas the mast officiant mathed	of providing			
Notes:	<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> <li>N1*DH*LISTINGS</li> </ol>						
Ref.	Dete	Data Element \$	Summary				
_	Data	Nomo		Attributes			
<u>Des.</u> N101	Element 98	Name Entity Identifier Code		Attributes M ID 2/3			
NIUI	30						
	Code identifying an organizational entity, a physical location, property or						
		an individual DH Do	ing Business As				
N/400			ing Dusiness As				
N102	93	Name		X AN 1/60			
		Free-form name					
		"LISTINGS"					

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:		3550 N1 0 Detail Optional >1	Optional	Structure Components	/		
		IN2*02*L IN2*21*D IN2*10*T IN2*01*T IN2*18*N IN2*12*D IN2*10*T	NLN (DL-45) NFN (DL-46)*LNFN DES (DL-47) L (DL-48)*TL ITLE1 (DL-49)*TITLI IICK (DL-54) DESD (DL-50a)*DES LD (DL-51)*TLD ITLE1D (DL-52)*TIT	E1 SD			
			Data Eleme	ent Summary			
	Ref.	Data		-	_		
	Des.	Element 1104	<u>Name</u> Name Componer	at Qualifier		ibutes ID 2/2	
	IN201	1104	•	e type of name component	Μ		
			01	Prefix			
			02	First Name			
			05	Last Name			
			10	Generation			
			12	Combined (Unstructured) Name			
			18	Preferred First Name or Nickname			
			21	Professional Title			
1	IN202	93	Name		м	AN 1/60	
•		00	Free-form name			/	
			LNLN (DL-45) = Lis	sted Name Last			
			LNFN(DL-46) = List				
			DES(DL-47) = Des				
			TL (DL-48) = Title o TITLE1 (DL-49) = T	-			
			NICK (DL-54) = Nic				
			`` '	Designation for Dual Name			
				e of Lineage for Dual Name Title of Address 1 for Dual Name			
	IN203	93	Name		0	AN 1/60	
			Free-form name				
			LNFN (DL-46) = List	sted Name First			
			"TL" "TITLE1"				
			"DESD"				
			"TLD"				
			"TITLE1D"				

М

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**LAST (DL-71)					
	Data Element Summary					
Ref.	Data					
Des.	Element Name <u>Attributes</u>					
N402	156 State or Province Code X ID 2/2					
	Code (Standard State/Province) as defined by appropriate government					
	agency					
	LAST (DL-71) = Listed Address State/Province					

### Segment:

# NX2 Location ID Component

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

3750 N1 Optional Detail Optional >1 To define types and values of a geographic location

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\*40\*LASS (DL-68) NX2\*59\*LAPR (DL-62) NX2\*61\*LASF (DL-64) NX2\*62\*LATH (DL-67)

#### **Data Element Summary**

	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attri</u>	<u>ibutes</u>
М	NX201	1106	Address Compon	ent Qualifier	Μ	ID 2/2
			Code qualifying the	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		
М	NX202	166	Address Informat	ion	М	AN 1/55
			Address informatio	n		
			LANO (DL-63) = Li	sted Address Number		
			LASN (DL-66) = Li	sted Address Street Name		
				sted Address Street Directional Prefix		
				_isted Address Locality		
			· · ·	sted Address Location		
			. ,	sted Address Street Directional Suffix		
				sted Address Number Prefix		
				sted Address Number Suffix		
			LATH (DL-67) = Lis	sted Address Street Type		

Pos L U Max Pur Syntax N Syntax N	sition: 3950 Loop: N1 Level: Detail sage: Optiona t Use: >1 pose: To spect lotes: 1 If ei 2 If ei 3 If ei 4 If ei 5 If ei 6 If ei 9 If ei 9 If ei	<ul> <li>3950</li> <li>N1 Optional</li> <li>Detail</li> <li>Optional</li> <li>&gt;1</li> <li>To specify service characteristic data</li> <li>1 If either SI04 or SI05 is present, then the other is required.</li> <li>2 If either SI06 or SI07 is present, then the other is required.</li> <li>3 If either SI08 or SI09 is present, then the other is required.</li> <li>4 If either SI10 or SI11 is present, then the other is required.</li> <li>5 If either SI12 or SI13 is present, then the other is required.</li> <li>6 If either SI14 or SI15 is present, then the other is required.</li> <li>7 If either SI16 or SI17 is present, then the other is required.</li> <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> <li>1 SI01 defines the source for each of the service characteristics qualifiers.</li> </ul>					
	Ref. Data Des. Element		ent Summary	Attr	ibutes		
	SI01 559	Agency Qualifier	Code	M	ID 2/2		
		•••	ne agency assigning the code values				
		TI	Telecommunications Industry				
M	SI02 1000	Service Characte	eristics Qualifier	М	AN 2/2		
		Code from an induction characteristics NS TN	ustry code list qualifying the type of ser Non-Standard Telephone Number Telephone Number	vice			
M	SI03 234	Product/Service	ID	Μ	AN 1/48		
		Identifying numbe	r for a product or service				
			ted Telephone Number Ion Standard Telephone Number				

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

Segme	nt: SE -	Fransaction Set Trailer	
Positio	on: 0300		
Loc Lev	•	N .	
Usa		•	
Max U		.,	
Purpo	se: To indic	ate the end of the transaction set and provide the count of the	transmitted
		ts (including the beginning (ST) and ending (SE) segments)	
Syntax Not			
Semantic Note Commen		a the last assument of each transaction act	
Not		s the last segment of each transaction set. ber of Segments*TRAN SET CONTROL #	
		Data Element Summary	
Ref	. Data		
Des	<u>. Element</u>	Name Att	<u>ributes</u>
M SEC	01 96	Number of Included Segments M	N0 1/10
		Total number of segments included in a transaction set included and SE segments	ding ST
M SEC	)2 329	Transaction Set Control Number M	AN 4/9
		Identifying control number that must be unique within the transfunctional group assigned by the originator for a transaction s	