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# 22. Unbundled Digital Line-side Switch Port

# 22.1 Business Description

This product allows CLECs to provide their end-users with a port on a Qwest switch, which is capable of providing BRI ISDN service. BRI ISDN service allows for simultaneous switched voice functionality and packet data functionality on a single line.

The Unbundled Digital Line-Side Switch Port establishes the line-side switch interconnection of individual loops to the switching components of the Qwest network. The port provides access to the basic functionality of the switch, including signaling, digit reception and translations, routing and rating, call supervision, as well as access to interoffice services. Port switching functions provide for the establishment of a connection between two ports within the switch (intraoffice) or between a port and the facilities that interconnect switching offices (interoffice), as available, in the applicable tariff or approved agreement.

BRI ISDN provides the ability to simultaneously carry digitized voice and a variety of data traffic on the same digital transmission links. BRI ISDN is composed of 2 B (Bearer) channels and 1 D (Delta) channel (2B + D) which provide 64Kbps + 64Kbps + 16Kbps transmission speeds. BRI ISDN allows the transmission of any kind of information - separately and simultaneously - using the standard lines that already serve the customer. BRI ISDN supports up to eight terminals on a circuit. Only one terminal may be used on a B channel at a time, the D channel may be used by eight packet switched data terminals simultaneously.

#### General Product Description

Prior to conversion activity, this service is a total or finished product which includes:

- Telephone number(s)
- Listings
- Local loop facilities
- Features specific to the Qwest Serving Wire Center Switch or Qwest Common Block

After conversion from Qwest to a CLEC, the service no longer includes the local loop facility and is not directly associated to a specific end user address. A service address is required to determine the Qwest Serving Wire Center of the port. The Unbundled Digital Line-Side Switch Port is comprised of the following elements:

- Telephone number(s)
- Features specific to the CLEC Common Block

Listings are still associated to the telephone number(s) with some major differences:

- The listed name may or may not be the same as the end user listing prior to the conversion.
- The listed address may or may not be the same as the end user address prior to the conversion.

The following forms will be used by the CLEC to order Qwest Unbundled Digital Line-Side Switch Port - BRI ISDN service:

- LSR Local Service Request
- EU End User Information
- PS Port Service
- DL Directory Listing

The following Order Activity Matrices define the available Order, Line and/or Listing Activities for Unbundled Digital Line-Side Switch Port:

Business Rules for Combining Order, Line, and/or Listing Activity for **Unbundled Digital Line-Side Switch Port** 

	Order Activi	ty Definition			
Req	ACT	Definition	Application	LNA	Forms required
Туре					
FB	N	New Installation	New service at premises.	N	LSR, EU, PS, DL
	D	Disconnect	Disconnect all services at the account level	D	LSR, EU, PS (conditional)
	W	Conversion As Is	Not Allowed	Not Allowed	
	V	Conversion As Specified	Change LSP with changes to Unbundled Digital Line Side Switch Port service or Directory Listing	N, V, D	LSR, EU, PS, DL
	Z	Conversion As Specified, No Directory Listing	Change LSP with change to Unbundled Digital Line Side Switch Port service and no change to Directory Listing	N, V, D	LSR, EU, PS
	С	Change	Change to existing service, add/remove features, change type of service, add/remove line(s) to existing service/account, PIC/LPIC change, change/add/remove Directory Listing, change billing information, change telephone number	C, P, X, N, D	LSR, EU, PS, DL (if changing)
	Т	Outside Move	Not Allowed	Not Allowed	
	L	Seasonal Suspend	Not Allowed	Not Allowed	
	Y	Deny	Not Allowed	Not Allowed	
	В	Restore	Not Allowed	Not Allowed	
	R	Record	Not Allowed	Not Allowed	
	М	Inside Move	Not Allowed	Not Allowed	

Line Activities

LNA	Definition	Application
N	New Line.	New line at premises.
D	Line Disconnect.	Disconnect line
V	Line Conversion As Specified	Change LSP with changes to line or Directory Listing FA field on PS form must be populated with N (add), C (change old), V (Conversion as Specified), T (change new), or D (disconnect)
C	Change	If LNA = C then FA field on PS form can be N (add), C (change old), T (change new), or D (disconnect)
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.
P	PIC Change	This LNA should only be used for PIC changes without any other activity. FA entries would not be appropriate. If PIC Changes occur with other activity, an LNA of C should be used.
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
	Ohaman	cannot be deleted.
1	Change existing	Change activity is only valid if the person or 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 'l' activity. An
		associated DL form for the same listing with
0	Change	the listing activity of 'O' is required. Change activity is only valid if the person or
U	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 'I' and an 'O' activity in
		order to specify a listing change. The 'O'
		activity should come before the 'l' activity. An
		associated DL form for the same listing with
Z	No obongo to	the listing activity of 'l' is required.
<u>ک</u>	No change to existing	Only allowed on a conversion as specified (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.

# 22.2 Business Model

See Appendix H

# 22.3 Developer Worksheets

See Appendices B and C - Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
Digital Line-Side Port Service Request	850DGTL
Digital Line-Side Port Service Request Supplemental	860DGTL
Status Update – Auto Push	855SU
Firm Order Confirmation	855FOC
Firm Order Confirmation on Supplemental	865FOC
Non Fatal Error Response	855NF
Non Fatal Error Response on Supplemental	865NF
Fatal Error Response	855FATAL
Fatal Error Response on Supplemental	865FATAL
Jeopardy	865JEOP
Completion	865COMP

# 22.4 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.

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

Separate maps have been created per ordering function. EDI envelopes are used to initiate 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.

# 22.4.2 ISA TABLE INFORMATION:

## ANSI X12 ISA and IEA definitions:

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

	SENT TO Qwest	RECEIVED FROM Qwest
ISA01	'00' (No Authorization information present)	<b>'00'</b> (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	<b>'ZZ'</b> (Mutually Defined)
ISA06	Co-Provider TP ID	<b>'QWESTO'</b> ( <u>Note</u> : This Trading partner ID is used only for QWEST order and post- order transactions. The "O" is the unique identifier.)
ISA07	<b>'ZZ'</b> (Mutually Defined)	Co-Provider TP qualifier
ISA08	<b>'QWESTO'</b> ( <u>Note</u> : This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)	Co-Provider TP ID
ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD
ISA10	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)	<i>'U'</i> (U.S. EDI Community of ASC X-12, TDCC, and UCS)
ISA12	'00402' (Interchange Version ID)	'00402' (Interchange Version ID)
ISA13	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number
ISA14	<i>'0'</i> (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)

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

# 22.4.3 GS TABLE INFORMATION

# ANSI X12 GS and GE segment definitions:

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

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

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

#### GS Table

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

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Service Request	Receive	850DGTL	PO	Co-Provider TP ID	DGTL90
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	860DGTL	PC	Co-Provider TP ID	DGTL90
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	865FOC	CA	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	865NF	CA	NF90	Co-Provider TP ID
Fatal Error Response	Send	865FATAL	CA	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	СОМР90	Co-Provider TP ID

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

# 22.4.4 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).

# 22.5 Mapping Examples

# 22.5.1 850 Digital Line Side Port (850DGTL) - Version 4020

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	PON
Superscript = DWS Ref #	LSR-1
DWS used in this Mapping Example:	
LSR=Local Service Request	
EU=End User	
DL=Directory Listing	
PS=Port Services	
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
related data dictionary.	EDI transaction.
> = Sub-element separator in this example	Non-printable characters of "0x1f" =
and related data dictionary	Actual sub-element separator in an
	EDI transaction.

Legend of Symbols in this transaction example

```
ST*850*TRAN SET CONTROL #
BEG*00*SS*PON<sup>LSR-2</sup>**PO Date (See Trading Partner Access Information)
REF*11*AN<sup>LSR-7</sup>*AN
REF*11*EAN<sup>EU-40</sup>*EAN
REF*JB* PROJECT
REF*SU*RTR<sup>LSR-28</sup>*RTR
REF*CO*RPON<sup>LSR-51</sup>*RPON
REF*1V* RORDLSR-52*RORD
REF*12* BAN1<sup>LSR-61</sup>*BAN1
PAM*QU* HTQTYLSR-6*EA
PAM*T5*LOCQTY<sup>LSR-5</sup>*EA
PAM*48*PG_of_<sup>LSR-10</sup>(1<sup>st</sup> 2 Bytes)*EA
PAM*47*PG_of_<sup>LSR-10</sup>(2<sup>nd</sup> 2 Bytes)*EA
PAM*KC*DQTY<sup>EU-5</sup>*EA
PAM*QP*PQTY<sup>PS-5</sup>*EA
PAM*BH*DDQTY<sup>DL-23</sup>*EA
SAC*N**TI*EXP [If this segment appears then EXP<sup>LSR-26</sup> = "Y"]
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*APPTIME{HHMM}<sup>LSR-15</sup>
DTM*270*DATED{CCYYMMDD}<sup>LSR-36</sup>
SI*TI*TY*TOS<sup>LSR-44</sup>
SI*TI*RE*REQTYPLSR-23
SI*TI*AA*<u>AC</u>TLSR-24
SI*TI*PW*PORTTYP
SI*TI*LO*LST<sup>LSR-42</sup>
```

SI\*TI\*NC\* **NC**<sup>LSR-46</sup> SI\*TI\*NI\* NCL PID\*S\*\*TI\*AH\*\*\*SO-RSQ\*CHCLSR-22 PID\*S\*\*TI\*CONVIND\*\*\*SO-RSQ\*<u>CONVIND</u>LSR-24a PID\*S\*\*TI\*AO\*\*\*SO-RSQ\*AGAUTH PID\*S\*\*TI\*BI\*\*\*SO-RSQ\*FBIEU-42 PID\*S\*\*TI\*PENDING\*\*\*SO-RSQ\* PENDING ORDER PWK\*DW\*NS\*1\*DG\*91\*DRCLSR-98 N9\*H7\*ORI\**EU*\*\*\*\*2W>**MANUAL IND**<sup>EU-63a</sup> MTX\*\***REMARKS**<sup>EU-63</sup> N9\*H7\*ORI\* *LSR*\*\*\*\*2W>**MANUAL IND**<sup>LSR-108a</sup> MTX\*\***REMARKS**<sup>LSR-108</sup> N9\*H7\*ORI\**PORT*\*\*\*\*2W>**MANUAL IND**<sup>PS-61a</sup> MTX\*\***REMAR<u>K</u>S<sup>PS-61</sup>** N1\*78\* **CCNA**<sup>LSR-1</sup> NX2\*91\***APOT**<sup>LSR-41</sup> 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> N1\*AN\***AUTHNM**LSR-37 N1\*BT\*\*92\***ACNA**LSR-64 N1\*DG\* **DSGCON**LSR-97 PER\*DE\*\*FX\* FAX NOLSR-100 N1\*X1\*BILLNM<sup>EU-43</sup> N2\*SBILLNMEU-44 N4\*\*STATE<sup>EU-49</sup>\*ZIP<sup>EU-50</sup> NX2\*01\***SANO**EU-45b NX2\*02\***SASN**EU-45e NX2\*03\***SASD**EU-45d NX2\*07\* *CITY*EU-48 NX2\*32\*FLOOR NX2\*35\* ROOM/MAIL STOPEU-47 NX2\*40\* SASSEU-45g NX2\*59\***SAPR**<sup>EU-45a</sup> NX2\*61\***SASF**EU-45c NX2\*62\***SATH**EU-45f PER\*BI\* BILLCON EU-51\*TE\*TEL NO EU-52 SI\*TI\*AF\***AFT**EU-44a

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

PO1\*n\*1\*EA\*\*\*ZZ\**EU\_SA* PID\*S\*\*TI\*ANV\*\*\*SO-RSQ\**ANV*<sup>EU-8a</sup> REF\*IX\**LOCNUM*<sup>EU-7</sup>\**LOCNUM* N1\*IT\* *NAME*<sup>EU-8</sup> N4\*\**STATE*<sup>EU-25</sup>\**ZIP*<sup>EU-26</sup>\*\*RJ\**CALA*<sup>EU-26a</sup> NX2\*01\**SANO*<sup>EU-11</sup> NX2\*02\**SASN*<sup>EU-14</sup> NX2\*03\**SASD*<sup>EU-13</sup> NX2\*05\**BOX*<sup>EU-23c</sup> NX2\*06\**ROUTE*<sup>EU-23b</sup> NX2\*06\**ROUTE*<sup>EU-23b</sup> NX2\*07\**CITY*<sup>EU-24</sup> NX2\*39\**AHN*<sup>EU-23a</sup> NX2\*40\**SASS*<sup>EU-16</sup> NX2\*59\**SAPR*<sup>EU-10</sup> NX2\*61\**SASF*<sup>EU-12</sup> [PO1 Loop may repeat]

SI\*TI\*OT\*OTNPS-20 SI\*TI\*CM\*CKRPS-29 SI\*TI\*CN\**ECCKT*<sup>PS-32</sup> SI\*TI\*T6\***TC OPT**<sup>PS-33</sup> SI\*TI\*TQ\***TLI**<sup>S-17a</sup> SI\*TI\*T5\*TERSPS-17 PID\*X\*\*TI\*CFA\***CFA**<sup>PS-46</sup> REF\*IX\***LNUM**<sup>PS-9</sup>\*LNUM REF\*GP\***TSP**<sup>PS-27</sup> REF\*AE\***SAN**PS-28 DTM\*376\*TC PER{CCYYMMDD}PS-38 N1\*P9\*\*41\* PIC N1\*8V\*\*41\**LPIC*PS-23 SLN\*TCPRI\*n\*A\*1\*EA **S**-34 SI\*TI\*TC\***TC TO PR** N1\*TT\***TC NAME**PS-34b REF\*55\*TCIDPS-34a\*PRI SLN\*TCSEC\*n\*A\*1\*EA [SLN Loop may repeat] SI\*TI\*TC\***TC TO SEC**PS-35 N1\*TT\*TC NAMEPS-37 REF\*55\*TCIDPS-36\*SEC SLN\*BL\*n\*A\*1\*EA SI\*TI\*BB\***BA**<sup>PS-52</sup>\*TB\***BLOCK**<sup>PS-53</sup> SLN\*FA\*n\*A\*1\*EA [SLN Loop may repeat per FA/FEATURE pair] SI\*TI\*SA\*<u>FA</u>PS-58\*SC\*FEATUREPS-59

[PO1 Loop may repeat]

## Port Service Form

PO1\*n\*1\*EA\*\*\*ZZ\**PS* SI\*TI\*SA\*<u>LNA</u><sup>PS-12</sup> SI\*TI\*TN\***TNS**<sup>PS-16</sup>

SI\*TI\*LZ\**LSCP*PS-51

PO1\*n\*1\*EA\*\*\*ZZ\*EU\_DISC [PO1 Loop may repeat] 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-60</sup>\*SEC

# End User Form (Disconnect Information Section)

NX2\*62\***SATH**<sup>EU-15</sup> 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><sup>EU-21</sup>\*LV3<sup>EU-22</sup> N1\*ZE\*CPE MFR<sup>EU-32</sup> REF\*MJ\*CPE MOD<sup>EU-33</sup> SI\*TI\*AF\*AFT

## **Regular Hunting**

[If this segment appears, <u>HNTYP</u>-SR-116 = 5]

PO1\*n\*1\*EA\*\*\*ZZ\*HGSI\*TI\*SA\* $\underline{HA}^{LSR-112}$ SI\*TI\*SG\* $HID^{LSR-113}$ SI\*TI\*SF\* $\underline{HNTYP}^{LSR-109}$ \*LOCNUMREF\*IX\* $LOCNUM^{LSR-109}$ \*LOCNUMREF\*IX\* $HNUM^{LSR-110}$ \*HNUMSLN\*HNT\*n\*A\*1\*EA N9\*55\*HTSEQMTX\*\* $HTSEQ^{LSR-118}$ 

## **Multi-Line Hunting**

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

PO1\*n\*1\*EA\*\*\*ZZ\* *ML* SI\*TI\*SA\*<u>HA</u><sup>LSR-112</sup> SI\*TI\*SG\**HID*<sup>LSR-113</sup> SI\*TI\*SF\*<u>HNTYP<sup>LSR-116</sup></u> SI\*TI\*TQ\**TLI*<sup>SR-115</sup> REF\*IX\**LOCNUM*<sup>LSR-109</sup>\**LOCNUM* REF\*IX\**HNUM*<sup>LSR-110</sup>\**HNUM* SLN\**MHNT*\*n\*A\*1\*EA N9\*55\**HTSEQ* MTX\*\**HTSEQ*<sup>LSR-118</sup>

# DL Form (Delivery Address/Information Section)

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

PO1\*n\*1\*EA\*\*\*ZZ\*DA SI\*TI\*AD\*DACT<sup>DL-81</sup> QTY\*31\*DIRQTYA<sup>DL-103</sup>\*DY QTY\*38\*DIRQTYNC<sup>DL-104</sup>\*DY N1\*DA\*DELNAME N4\*\*STATE<sup>DL-99</sup>\*ZIP<sup>DL-100</sup> NX2\*01\*DDANO<sup>DL-85</sup> NX2\*02\*DDASN<sup>DL-88</sup> 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> 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)**

 $\begin{array}{l} \mathsf{PO1*n*1*EA***ZZ*} DL*\mathsf{SH*} \textit{RTY}^{\mathsf{DL-12}} \\ \mathsf{SI*TI*LB*} \textit{LACT}^{\mathsf{DL-10}} \\ \mathsf{SI*TI*LE*} \textit{LTY}^{\mathsf{DL-13}} \\ \mathsf{SI*TI*TW*} \textit{STYC}^{\mathsf{DL-15}} \\ \mathsf{SI*TI*BR*} \textit{TOA}^{\mathsf{DL-16}} \\ \mathsf{SI*TI*DG*} \textit{DOP}^{\mathsf{DL-17}} \end{array}$ 

[PO1 Loop may repeat]

SI\*TI\*DN\* DIRNAMEDL-34 SI\*TI\*BO\* BRODL-28 PID\*S\*\*TI\*AR\*\*\*SO-RSQ\*<u>OMTN</u>DL-41 PID\*S\*\*TI\*AS\*\*\*SO-RSQ\*<u>LNPL</u>DL-44 PID\*S\*\*TI\*AT\*\*\*SO-RSQ\*<u>ADI</u><sup>DL-61</sup> PID\*S\*\*TI\*AW\*\*\*SO-RSQ\*<u>DML</u><sup>DL-25</sup> 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**<sup>DL-32</sup> REF\*LI\***ALI**<sup>DL-11</sup> N9\*82\*PLA\_ MTX\*\***PLA**<sup>DL-55</sup> 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 18 *NEX* IN2\*12\* *DESD*<sup>DL-50a\*</sup>*DESD* IN2\*10\* *TLD*<sup>DL-51\*</sup> *TLD* IN2\*01\* *TLD*<sup>DL-52\*</sup> *TITLE1D* N4\*\**LAST*<sup>DL-71</sup> NX2\*01\**LANO*<sup>DL-63</sup> NX2\*02\**LASN*<sup>DL-66</sup> NX2\*03\**LASD*<sup>DL-65</sup> NX2\*07\**LALOC*<sup>DL-70</sup> NX2\*18\**LALO*<sup>DL-69</sup> NX2\*40\**LASS*<sup>DL-68</sup> NX2\*59\**LAPR*<sup>DL-62</sup> NX2\*61\**LASF*<sup>DL-64</sup> NX2\*62\**LATH*<sup>DL-67</sup> SI\*TI\*TN\**LTN*<sup>DL-39</sup> SI\*TI\*NS\***NSTN**<sup>DL-40</sup>

**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 #

# 22.5.2 860 Digital Line Side Port Supp (860DGTL) - Version 4020

The 860DGTL is identical to the 850DGTL 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 "*PS*" or "*EU\_SA*" or "*HG*" or "*ML*" 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 #

# 22.6 Data Dictionary

22.6.1 850 Digital Line-Side Port (850DGTL)

# Functional Group ID=PO

#### Introduction:

The 850 DIGITAL service request will be used by the Co-Provider to initiate a service request for Digital Line Side Port to Qwest.

This implementation guideline references the following:

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

#### Notes:

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

#### Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	0100	ST	Transaction Set Header	М	1		
М	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		
	2100	PWK	Paperwork	0	25		
			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		

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

## Detail:

Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - End User Form (Location and Access Section)	М	1		n1
		Loop ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	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 - N1			200	
3500	N1	Name	0	1		ii
3900	REF	Reference Identification	0	12		
4050	SI	Service Characteristic Identification	0	1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - End User Form	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		ļį
	No.         0100         0500         1000         3500         3850         3500         3000         4050         0100         0100         2100         4700	No.         ID           0100         PO1           0500         PID           1000         REF           3500         N1           38500         N1           38500         N1           38500         SI           0100         PO1           0100         REF           1000         REF           1000         REF           2100         DTM           4700         SLN	No.IDName0100PO1Baseline Item Data - End User Form (Location and Access Section) LOOP ID - PID0500PIDProduct/Item Description1000REFReference Identification LOOP ID - N13500N1Name3800N4Geographic Location Location ID Component3850NX2Location ID Component3500N1Name3800N4Geographic Location Location ID Component3800N4Geographic Location Location ID Component3800N4Service Characteristic Identification3500N1Name3900REFReference Identification4050SIService Characteristic Identification0100PO1Baseline Item Data - End User Form (Disconnect Information Section)0180SIService Characteristic Identification1000REFReference Identification1000REFReference Identification1000SIService Characteristic Identification1000REFReference Identification1000REFReference Identification1000REFReference Identification1000REFReference Identification1000SLNSubline Item Detail	No.IDNameDes.LOOP ID - PO1IDOP ID - PO1IDOP ID - PO10100PO1Baseline Item Data - End User Form (Location and Access Section) LOOP ID - PIDM0500PIDProduct/Item DescriptionO1000REFReference IdentificationO1000REFReference IdentificationO3500N1NameO3800N4Geographic LocationO3850NX2Location ID ComponentO3500N1NameO3500N1NameO3500N1NameO3500N1NameO3500N1NameO3500SIService Characteristic IdentificationO1000PO1Baseline Item Data - End User Form (Disconnect Information Section)M0180SIService Characteristic IdentificationO1000REFReference Identification </td <td>No.IDNameDes.Max.Use0100PO1Baseline Item Data - End User Form (Location and Access Section)M10500PIDProduct/Item DescriptionO10500PIDProduct/Item DescriptionO11000REFReference IdentificationO&gt;13500N1NameO13500N4Geographic LocationO13800N4Geographic LocationO13800N4Geographic LocationO13500N1NameO13500N1NameO13500N1NameO13500N1NameO13500SIService Characteristic IdentificationO124050SIService Characteristic IdentificationO10100PO1Baseline Item Data - End User Form (Disconnect Information Section))M10180SIService Characteristic IdentificationO&gt;11000REFReference IdentificationO&gt;11000REFReference IdentificationO&gt;11000REFReference IdentificationO&gt;11000REFReference IdentificationO&gt;11000REFReference IdentificationO&gt;11000REFReference IdentificationO&gt;11000REFRef</td> <td>No.IDNameDes.Max.UseRepeatLOOP ID - PO1Baseline Item Data - End User Form (Location and Access Section) LOOP ID - PIDM10100PO1Baseline Item Data - End User Form (Location and Access Section) LOOP ID - PIDM10500PIDProduct/Item DescriptionO11000REFReference IdentificationO&gt;11000REFReference IdentificationO13500N1NameO13800N4Geographic LocationO13800N4Geographic LocationO13800N4Geographic LocationO13800N4Reference IdentificationO13800N4Seoryce Characteristic IdentificationO13900REFReference IdentificationO13900REF</td>	No.IDNameDes.Max.Use0100PO1Baseline Item Data - End User Form (Location and Access Section)M10500PIDProduct/Item DescriptionO10500PIDProduct/Item DescriptionO11000REFReference IdentificationO>13500N1NameO13500N4Geographic LocationO13800N4Geographic LocationO13800N4Geographic LocationO13500N1NameO13500N1NameO13500N1NameO13500N1NameO13500SIService Characteristic IdentificationO124050SIService Characteristic IdentificationO10100PO1Baseline Item Data - End User Form (Disconnect Information Section))M10180SIService Characteristic IdentificationO>11000REFReference IdentificationO>11000REFReference IdentificationO>11000REFReference IdentificationO>11000REFReference IdentificationO>11000REFReference IdentificationO>11000REFReference IdentificationO>11000REFRef	No.IDNameDes.Max.UseRepeatLOOP ID - PO1Baseline Item Data - End User Form (Location and Access Section) LOOP ID - PIDM10100PO1Baseline Item Data - End User Form (Location and Access Section) LOOP ID - PIDM10500PIDProduct/Item DescriptionO11000REFReference IdentificationO>11000REFReference IdentificationO13500N1NameO13800N4Geographic LocationO13800N4Geographic LocationO13800N4Geographic LocationO13800N4Reference IdentificationO13800N4Seoryce Characteristic IdentificationO13900REFReference IdentificationO13900REF

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		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		İİ
		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 - PO1			100000	
0100	PO1	Baseline Item Data - Port Service Form	0	1	-	n3
0180	SI	Service Characteristic Identification	0	>1		
		Loop ID - Pid			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	1		
2100	DTM	Date/Time Reference	0	1		
		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		
4800	SI	Service Characteristic Identification	0	1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Regular Hunting	М	1		n4
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - SLN			>1	

М

	4700	SLN	Subline Item Detail	0	1		11
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	0	1		İİİ
	5250	MTX	Text	0	>1		
			LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - Multi-Line Hunting	М	1	_	n5
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	0	1		
	5250	MTX	Text	0	>1		
			LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - DL Form (Delivery	М	1		n6
	0180	SI	Address Section) Service Characteristic Identification	0	>1		
	0.00	0.	LOOP ID - QTY	<u> </u>		>1	
	2930	QTY	Quantity	0	1	· · ·	
				-			
	2020	OTV	LOOP ID - QTY	0	1	>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	
Μ	0100	PO1	Baseline Item Data - DL Form (Service	М	1		n7
	0180	SI	Details Section) Service Characteristic Identification	0	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		<u> </u>
			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	1000	
	3400	MTX	Text	0	>1		
	5400	WITA		0	~1		
			LOOP ID - N9	_		1000	
	3300	N9	Reference Identification	0	1		ļļ
	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		

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	3850	NX2	Location ID Component	0	>1		
	4050	SI	Service Characteristic Identification	0	>1		
			LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - Dummy (DD)	М	1	n8	

# 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		n9
М	0300	SE	Transaction Set Trailer	М	1		

#### **Transaction Set Notes**

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

	Segment:	ST 1	ransaction Set Header			
	Position: Loop:	0100				
	Level: Usage: Max Use:	Heading Mandato 1				
Sy	Purpose: ntax Notes:		ate the start of a transaction set and to assign a control n	umb	er	
Sema	antic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).				
		2 The trans	implementation convention reference (ST03) is used by t slation routines of the interchange partners to select the opriate implementation convention to match the transacti nition.		et	
	Comments: Notes:		TRAN SET CONTROL #			
			Data Element Summary			
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name			
Μ	ST01	143	Transaction Set Identifier CodeCode uniquely identifying a Transaction Set850Purchase Order	Μ	ID 3/3	
Μ	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the set functional group assigned by the originator for a tran			

s	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: comments: Notes:	BEC 0200 Heading Mandato 1 To indica transmit 1 BEC	der.	ormation)	
	Notes:	BEG.00	SS*PON (LSR-2)**PO Date (See Trading Partner Acces	s int	ormation)
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
м	<u>Attributes</u> BEG01	353	Transaction Set Purpose Code	м	ID 2/2
			Code identifying purpose of transaction set 00 Original		
М	BEG02	92	Purchase Order Type Code	м	ID 2/2
			Code specifying the type of Purchase OrderSSSupply or Service Order		
М	BEG03	324	Purchase Order Number	Μ	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number		
Μ	BEG05	373	Date	Μ	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: Syntax Notes:	<ul> <li>To specify identifying information</li> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ul>
Semantic Notes: Comments:	<b>1</b> REF04 contains data relating to the value cited in REF02.
Notes:	REF*11*AN (LSR-7)*AN REF*11*EAN (EU-40)*EAN REF*JB*PROJECT (LSR-20) REF*SU*RTR (LSR-28)*RTR REF*CO*RPON (LSR-51)*RPON REF*1V*RORD (LSR-52)*RORD REF*12*BAN1 (LSR-61)*BAN1

#### Data Element Summary

			Data Element S	Summary			
	Ref.	Data					
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>				
м	REF01	128	Reference Identi	fication Qualifier	м	ID 2/3	
			Code qualifying th	e Reference Identification			
			11	Account Number			
				Number identifies a telecommunicat account	ons i	ndustry	
			12	Billing Account			
				Account number under which billing	is rer	ndered	
			1V	Related Vendor Order Number			
				A vendor's order number that is in ac primary order number			
			CO	Customer Order Number			
			JB	Job (Project) Number			
			SU	Special Processing Code			
				Unique code identifying the special l requirements for the claim	nandli	ing	
	REF02	127	<b>Reference Identif</b>	•	Х	AN 1/30	
			specified by the R	ation as defined for a particular Transa eference Identification Qualifier	action	Set or as	
			AN (LSR-7) = Acc				
				kisting Account Number 0) = Project Identification			
				Response Type Requested			
			. ,	Related Purchase Order Number			
			. ,	Related Order Number Billing Account Number 1			
	REF03	352	Description		Х	AN 1/80	
			A free-form descri content	ption to clarify the related data eleme	nts ar	nd their	

"AN"
"EAN"
"RTR"
"RPON"
"RORD"
"BAN1"

# PAM Period A

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

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	····· · · · · · · · · · · · · · · · ·			
PAM01	673	Quantity Qu	alifier	Х	ID 2/2	
		Code specify	ing the type of quantity			
		47	Primary Net Quantity			
		48	Secondary Net Quantity			
		BH	Book Order Quantity			
		KC	Net Quantity Decrease			
		QP	The resultant quantity represents a a previously transmitted quantity, a have been made Quantity by Position			
		QU	Quantity Serviced			
		T5	Total Number of Units			
PAM02	380	Quantity		Х	R 1/15	
		Numeric valu	le of quantity			
		•	R-6) = Hunt Group Quantity SR-5) = Location Quantity			
April.12, 2002	Qw	est Communica	ations International, Inc.			2

		First 2 bytes of PG_of_ (LSR-10) Second 2 bytes of PG_of_(LSR-10) DQTY (EU-5) = Disconnect Quantity PQTY (PS-5) = Port Quantity DDQTY (DL-23) = Number of Delivery Segments		
PAM03	C001	Composite Unit of Measure	Х	
C00101	355	To identify a composite unit of measure (See Figures examples of use) Unit or Basis for Measurement Code	Apper <b>M</b>	ndix for
000101		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each		

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

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

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*15	ify pertinent dates a east one of DTM02 I FM04 is present, the her DTM05 or DTM 7*D/TSENT{CCYYM	nd times DTM03 or DTM05 is required. on DTM03 is required. 06 is present, then the other is require MMDD} (LSR-12)*D/TSENT{HHMM} D} (LSR-14)***TM*APPTIME{HHMM]	(LSR	
		Data Element S	Summary		
Ref.	Data				
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
1 DTM01	374	Date/Time Qualifi	ier	М	ID 3/3
		Code specifying ty	pe of date or time, or both date and ti	me	
		097	Transaction Creation		
		150	Service Period Start		
		270	Date Filed		
DTM02	373	Date		Х	DT 8/8
		Date expressed as			
		D/TSENT (LSR-12			
		DDD (LSR-14) = D DATED (LSR-36) $\cdot$	= Date of Agency Authorization		
DTM03	337	Time	= Date of Agency Authonzation	х	TM 4/8
			24-hour clock time as follows: HHMM	Л, or	
		or HHMMSSD, or	HHMMSSDD, where H = hours (00-23	3), M	l = minutes
			er seconds (00-59) and $DD = decimal$		
		hundredths (00-99	are expressed as follows: D = tenths (	0-9)	and DD =
			/ (LSR-12) = Time Sent		
DTM05	1250	Date Time Period	Format Qualifier	Х	ID 2/3
		Code indicating the	e date format, time format, or date an	d tim	e format
		TM	Time Expressed in Format HHMM		
			Time expressed in the format HHMM		
			the numerical expression of hours in on a twenty-four hour clock and MM		
			expression of minutes within an hou		e numencai
DTM06	1251	Date Time Period		X	AN 1/35
		Expression of a da	ate, a time, or range of dates, times of	r date	es and
		times			

Segment:	SI Service Characteristic Identification				
Position:	1850				
Loop:					
Level:	Heading				
Usage:	Optional				
Max Use:	>1				
Purpose:	To specify service characteristic data				
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.				
	2 If either SI06 or SI07 is present, then the other is required.				
	<b>3</b> If either SI08 or SI09 is present, then the other is required.				
	4 If either SI10 or SI11 is present, then the other is required.				
	5 If either SI12 or SI13 is present, then the other is required.				
	<ul><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></ul>				
	<ul><li>8 If either SI18 or SI19 is present, then the other is required.</li></ul>				
	<ul><li>9 If either SI20 or SI21 is present, then the other is required.</li></ul>				
Semantic Notes:					
Comments:	1 SI01 defines the source for each of the service characteristics				
••••••••	qualifiers.				
Notes:	SI*TI*TY*TOS (LSR-44)				
	SI*TI*RE*REQTYP (LSR-23)				
	SI*TI*AA*ACT (LSR-24)				
	SI*TI*PW*PORTTYP (LSR-38)				
	SI*TI*LO*LST (LSR-42)				
	SI*TI*NC*NC (LSR-46)				
	SI*TI*NI*NCI (LSR-48)				

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

	Ref. Des.	Data Element	Name	,		
	Attributes		<u>Interno</u>			
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	
			AA	Account Activity		
			LO	Local Exchange Carrier Serving Offic	ce	
			NC	Network Channel		
			NI	Network Channel Interface		
			PW	Port Type		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			D = (DWS : D- C = (DWS : C- V = (DWS : V-	New Installation) Disconnect of entire account)	1)	

TOS (LSR-44) = Type of Service
REQTYP (LSR-23) = Requisition Type and Status
PORTTYP (LSR-38) = Port Type
LST (LSR-42) = Local Service Termination
NC (LSR-46) = Network Channel Code
NCI (LSR-48) = Network Channel Interface Code

Segment:	PID	Product/Item Description		
Position:	1900			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	200			
Purpose:		ribe a product or process in coded or free-form format		
Syntax Notes:		D04 is present, then PID03 is required.		
		ast one of PID04 or PID05 is required.		
		D07 is present, then PID03 is required.		
		D08 is present, then PID04 is required. D09 is present, then PID05 is required.		
Semantic Notes:		PID03 to indicate the organization that publishes the code	lic	•
Semantic Notes.		g referred to.	115	•
		)4 should be used for industry-specific product description		
	code			
		08 describes the physical characteristics of the product ide	ntifi	ed
		D04. A "Y" indicates that the specified attribute applies to		
	item	; an "N" indicates it does not apply. Any other value is		
	inde	terminate.		
		09 is used to identify the language being used in PID05.		
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", the second se		
		04 is used. If PID01 equals "X", then both PID04 and PID04	5 ai	e
	useo			
		PID06 when necessary to refer to the product surface or la	ауе	ſ
		g described in the segment. )7 specifies the individual code list of the agency specified	in	
	J FIDO			
Notes:		TI*AH***SO-RSQ*CHC (LSR-22)		
Notes.		TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)		
		TI*AO***SO-RSQ*AGAUTH (LSR-35)		
		TI*BI***SO-RSQ*FBI (EU-42)		
	PID*S**	TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)		
<b>D</b> .(	Data	Data Element Summary		
Ref.	Data	Nome		
<u>Des.</u> Attributes	<u>Element</u>	Name		
I PID01	349	Item Description Type	м	ID 1/1
	VIV	Code indicating the format of a description		
		<b>-</b>		
		S Structured (From Industry Code List)		

Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u> PID01	349	Item Description	Туре	М	ID 1/1
		Code indicating the	e format of a description		
		S	Structured (From Industry Code List)	)	
PID03	559	Agency Qualifier	Code	Х	ID 2/2
		Code identifying th	e agency assigning the code values		
		TI	Telecommunications Industry		
PID04	751	Product Descripti	ion Code	Х	AN 1/12
		A code from an inc product characteris	dustry code list which provides specifi stic	c dat	ta about a
		AH	Coordinated Hot Cut		
		AO	Agency Authorization Status		
		BI	Final Bill Information Indicator		
		CONVIND	Conversion Indicator		
		PENDING	Pending Order		

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

#### PWK Pa onwork

Segment:	PWK Paperwork
Position:	2100
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To identify the type or transmission or both of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>PWK05 and PWK06 may be used to identify the addressee by a code number.</li> </ol>
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	PWK*DW*NS*1*DG*91*DRC (LSR-98)

			Data Element S	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	PWK01	755	Report Type Cod		Μ	ID 2/2
			Code indicating th item	e title or contents of a document, repo	rt or	supporting
			DW	Drawing(s)		
	PWK02	756	Report Transmis	sion Code	0	ID 1/2
			are to be sent	ng, transmission method or format by	whic	ch reports
			NS	Not Specified		
				Indicates that a report will be transmi nonspecified medium	tted	via a
	PWK03	757	<b>Report Copies N</b>	eeded	0	N0 1/2
			The number of co	pies of a report that should be sent to t	the a	addressee
			1	1		
	PWK04	98	Entity Identifier C	Code	ο	ID 2/3
			Code identifying a or an individual	n organizational entity, a physical loca	tion	, property
			DG	Design Engineering		
				Identifies the design engineer or offic engineer who will receive design spe-		
	PWK05	66	<b>Identification Co</b>	de Qualifier	Х	ID 1/2
			Code designating Identification Code 91	the system/method of code structure u e (67) Assigned by Seller or Seller's Agent	used	for
	PWK06	67	Identification Co	de	Х	AN 2/80
			Code identifying a	party or other code		
				Design Routing Code		
				0		

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

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
Μ	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 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 specified by the Reference Qualifier	on n	umbers 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
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion	Set or as
			MANUAL IND (EU-63a) = Manual Indicator		

Segment:	МТХ	Text		
Position:	3000			
Loop:	N9 (	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	fy textual data		
Syntax Notes:	•	X01 is present, then MTX02 is required.		
		X03 is present, then MTX02 is required.		
		X05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		X04 is "AA - Advance the specific number of lines before	ore pri	nt".
		MTX05 is required.		,
Notes:		EMARKS (EU-63)		
Def	Dete	Data Element Summary		
Ref.	Data	Nome		
Des.	<u>Element</u>	name		
Attributes		M	v	
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

REMARKS (EU-63) = Remarks

Segment:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)
Ref.	Data Element Summary Data
-	

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

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before them MTX05 is assuring dependence."	e prin	ıt",
Notoo	then MTX05 is required.		
Notes:	MTX**REMARKS (LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment: Position:	N9 Reference Identification
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*H7*ORI*PORT****2W>MANUAL IND (PS-61a)
Ref.	Data Element Summary Data

	Ref.	Data			
	Des.	Element	Name		
	<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 Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"PORT"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificati specified by the Reference Qualifier	on n	umbers as
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	М	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND (PS-61a) = Manual Indicator		

Position: 3000 Loop: N9 Optional Level: Heading Usage: Optional	
Loop: N9 Optional Level: Heading	
Level: Heading	
0	
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.	
<b>Comments:</b> 1 If MTX04 is "AA - Advance the specific number of lines before print",	
then MTX05 is required.	
Notes: MTX**REMARKS (PS-61)	
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	

REMARKS (PS-61) = Remarks

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

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

Seg	gment:	NX2	Location ID Component		
Ро	sition:	3450			
	Loop: Level:	N1 ( Heading	Optional		
	Jsage:	Optional			
	x Use:	>1			
	rpose:	To define	e types and values of a geographic location		
Syntax I Semantic I					
	ments:				
I	Notes:	NX2*91*	APOT (LSR-41)		
			Data Element Summery		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name		
	<u>tributes</u>				
M N	NX201	1106		М	ID 2/2
			Code qualifying the type of address component		
			91 Additional Point of Termination (APOT		
M N	NX202	166		М	AN 1/55
			Address information		
			APOT (LSR-41) = Additional Point of Termination		

# **PER** Administrative Communications Contact

Segment:

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

## Semantic Notes:

Comments: Notes:

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

#### PER\*CN\*IMPCON (LSR-91)\*TE\*TEL NO (LSR-92)\*BN\*PAGER (LSR-93)

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	PER01	366	Contact Function		М	ID 2/2
				ne major duty or responsibility of the p	erso	n or group
			named	•		
			AG	Agent		
			CN	General Contact		
	PER02	93	Name		0	AN 1/60
			Free-form name			
				nitiator Identification		
				) = Implementation Contact		
	PER03	365		Number Qualifier	Х	ID 2/2
			Code identifying the	ne type of communication number		
			TE	Telephone		
	PER04	364	Communication	Number	Х	AN 1/256
				nications number including country or	area	code when
			applicable			
				= Telephone Number		
	DEDAE	205		= Telephone Number	v	ID 2/2
	PER05	365		Number Qualifier	Х	ID 2/2
				ne type of communication number		
			BN	Beeper Number		
			FX	Facsimile		
	PER06	364	Communication	Number	Х	AN 1/256
			Complete commun	nications number including country or	area	code when
			applicable			
			PAGER (LSR-93)			
	DED07	265	· · · ·	= Facsimile Number	v	
	PER07	365		Number Qualifier	Χ	ID 2/2
				ne type of communication number		
			EM	Electronic Mail		

# PER08 364 Communication Number X AN 1/256 Complete communications number including country or area code when applicable EMAIL (LSR-83) = Electronic Mail Address

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

Code identifying an organizational entity, a physical location, property

pick-up or origin point for a shipment

A geographic location designated as an authorized

Authorized From

AUTHNM (LSR-37) = Authorization Name

**Entity Identifier Code** 

or an individual

Free-form name

AN

Name

Μ

98

93

N101

N102

M ID 2/3

X AN 1/60

Segment:	N1 Name
Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*BT**92*ACNA (LSR-64)

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical loca or an individual	ation	, property
		BT Bill-to-Party		
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code structure Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	used	l for
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		ACNA (LSR-64) = Access Customer Name Abbreviation	٦	

Segment:	N1 Name
Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
•	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<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*DG*DSGCON (LSR-97)
	Data Element Summary
Ref.	Data
Des.	<u>Element</u> <u>Name</u>

Code identifying an organizational entity, a physical location, property

Identifies the design engineer or office of the design engineer who will receive design specifications

Design Engineering

DSGCON (LSR-97) = Design/Engineering Contact

**Entity Identifier Code** 

or an individual

Free-form name

DG

Name

Μ

**Attributes** 

N101

N102

98

93

M ID 2/3

X AN 1/60

Commonte	PFR	Administrative Communications Contact		
Segment:		Administrative Communications Contact		
Position:	3600			
Loop:		Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	>1	· · · · · · · · · · · · · · · · · · ·		
Purpose:		fy a person or office to whom administrative communicati e directed	ons	
Syntax Notes:		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		
Semantic Notes:	JIICI		u.	
Comments:				
Notes:	PER*DE	**FX*FAX NO (LSR-100)		
		, , , , , , , , , , , , , , , , , , ,		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
I PER01	366	Contact Function Code	М	ID 2/2
		Code identifying the major duty or responsibility of the penamed	erso	n or group
		DE Design Engineer		
PER03	365	Communication Number Qualifier	Х	ID 2/2
		Code identifying the type of communication number		
		FX Facsimile		
PER04	364	Communication Number	Х	AN 1/256
		Complete communications number including country or applicable	area	code when
		FAX NO (LSR-100) = Facsimile Number		

Μ

Segment:	N1 Name
Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*X1*BILLNM (EU-43)
Ref.	Data Element Summary Data

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

Μ

	Segment:	N2	Additional Name Information		
	Position:	3200			
	Loop:	N1	Optional		
	Level:	Heading			
	Usage:	Optional			
	Max Use:	2			
	Purpose:	To speci	ify additional names		
	tax Notes:				
	ntic Notes:				
C	Comments:	NotODI			
	Notes:	N2*SBIL	LNM (EU-44)		
			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
Μ	N201	93	Name	N	AN 1/60
			Free-form name		
			SBILLNM (EU-44) = Secondary Bill Name		

Segment:	N4 o	Geographic Location					
Position:	3400						
Loop:	N1	Optional					
Level:	Heading						
Usage:	Optional						
Max Use:	>1						
Purpose:	To spec	fy the geographic place of the named party					
Syntax Notes:	1 Only	one of N402 or N407 may be present.					
	2 If N4	106 is present, then N405 is required.					
	3 If N4	107 is present, then N404 is required.					
Semantic Notes:							
Comments:	<b>1</b> A co	1 A combination of either N401 through N404, or N405 and N406 may					
	be a	be adequate to specify a location.					
		2 is required only if city name (N401) is in the U.S. or Car	nada				
Notes:	N4**STA	ATE (EU-49)*ZIP (EU-50)					
Ref.	Data	Data Element Summary					
		Nome					
<u>Des.</u> Attributes	<u>Element</u>	Name					
N402	156	State or Province Code	x	ID 2/2			
11402	150						
		Code (Standard State/Province) as defined by appropriate government					
		agency					
		STATE (EU-49) = State/Province	-				
N403	116	Postal Code	Ο	ID 3/15			

		STATE (E0-49) = State/FT0VINCE		
403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excl blanks (zip code for United States)	uding punc	tuation and
		ZIP (EU-50) = ZIP/Postal Code		

Max Use:	NX2 Location ID Component 3450 N1 Optional Heading Optional >1 To define two evolutions of a group while location
Purpose: Syntax Notes: Semantic Notes: Comments:	To define types and values of a geographic location
Notes:	NX2*01*SANO (EU-45b) NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46) NX2*35*ROOM/MAIL STOP (EU-47) NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45g) NX2*61*SASF (EU-45c) NX2*62*SATH (EU-45f)

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					_
М	NX201	1106	Address Compo	nent Qualifier	Μ	ID 2/2
			Code qualifying th	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			32	Floor		
				A particular floor or level of a building	J	
			35	Room		
				A walled room or partitioned area of	a bui	lding
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informa	tion	Μ	AN 1/55
			Address informati	on		
			SANO (EU-45b) =	Service Address Number		
			```	Service Address Street Name		
				Service Address Street Directional Pr	ofix	
			CITY (EU-48) = C		CIIX	
			FLOOR (EU-46) =			
				PP (EU-47) = Room/Mail Stop		
					ffix	
				Service Address Street Directional Su	IIIIX	
				Service Address Number Prefix		
			. ,	Service Address Number Suffix Service Address Street Type		
			5ATT (20-451) =	Service Address Street Type		

Updated: April.12, 2002 Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	3600 N1 Heading Optional >1 To identi should b 1 If eit 2 If eit 3 If eit	Optional fy a person or office e directed her PER03 or PER her PER05 or PER her PER07 or PER	Communications Contact e to whom administrative commun 04 is present, then the other is req 06 is present, then the other is req 08 is present, then the other is req *TE*TEL NO (EU-52)	luired. luired.	
	Data <u>Element</u>	Data Element S	Summary		
Attributes A PER01	366	Contact Function Code identifying the named BI	a <b>Code</b> ne major duty or responsibility of th Bill Inquiry Contact Service Provider contact for maki information on the invoice		
PER02	93	Name Free-form name BILLCON (EU-51)		0	AN 1/60
PER03	365	Communication	Number Qualifier ne type of communication number Telephone	X	ID 2/2
PER04	364	applicable	•	X or area	AN 1/256 code when

Μ

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

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

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

Segment:	P01	Baseline Item Data - End User Form (Location and	Acce	ess
	Section)			
Position:	0100			
Loop:	PO1	Mandatory		
Level:	Detail	,		
Usage:	Mandato	ry		
Max Use:	1			
Purpose:	To speci	fy basic and most frequently used line item data		
Syntax Notes:	1 If PC	0103 is present, then PO102 is required.		
	2 If PC	0105 is present, then PO104 is required.		
	3 If eit	her PO106 or PO107 is present, then the other is require	d.	
	4 If eit	her PO108 or PO109 is present, then the other is require	d.	
	5 If eit	her PO110 or PO111 is present, then the other is require	d.	
		her PO112 or PO113 is present, then the other is require		
		her PO114 or PO115 is present, then the other is require		
		her PO116 or PO117 is present, then the other is require		
		her PO118 or PO119 is present, then the other is require		
		her PO120 or PO121 is present, then the other is require		
		her PO122 or PO123 is present, then the other is require		
•	12 If eit	her PO124 or PO125 is present, then the other is require	d.	
Semantic Notes:				
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is the line item identification.		
		06 through PO125 provide for ten different product/servic		
		each item. For example: Case, Color, Drawing No., U.P.C	). NO	).,
Notes:		No., Model No., or SKU. *EA***ZZ*EU_SA [PO1 Loop may repeat]		
Notes.	FUTIT	EA 22 EU_3A [POT LOOP may repeat]		
		Data Element Summary		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
<u>Attributes</u>		Manie		
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit	hin a	ı
		transaction set		
		"n" = nth assigned ID within PO1 Loop		
PO102	330	Quantity Ordered	Х	R 1/15

PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is bein manner in which a measurement has been taken EA Each	g expresse	ed, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive Product/Service ID (234) 77 Mutually Defined	e number u	ised in
PO107	234	, , , , , , , , , , , , , , , , , , , ,	e number u X	used in AN 1/48

	Segment: Position: Loop: Level: Usage: Max Use:	PID 0500 PID Detail Optional 1	Product/Item Description Optional			
	Purpose:	To descr	ibe a product or process in coded or free-form format			
S	Syntax Notes: Semantic Notes:	<ol> <li>At le</li> <li>If PII</li> <li>If PII</li> <li>If PII</li> <li>If PII</li> <li>Use being</li> </ol>	D04 is present, then PID03 is required. ast one of PID04 or PID05 is required. D07 is present, then PID03 is required. D08 is present, then PID04 is required. D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code g referred to. D4 should be used for industry-specific product description		:	
	Comments:	<ul> <li>3 PIDC in PI item indet</li> <li>4 PIDC</li> <li>1 If PIDC used</li> <li>2 Use bein</li> </ul>	<ul> <li>b8 describes the physical characteristics of the product ide D04. A "Y" indicates that the specified attribute applies to ; an "N" indicates it does not apply. Any other value is terminate.</li> <li>b9 is used to identify the language being used in PID05.</li> <li>D01 equals "F", then PID05 is used. If PID01 equals "S", to 4 is used. If PID01 equals "X", then both PID04 and PID06.</li> <li>PID06 when necessary to refer to the product surface or 1g described in the segment.</li> <li>b7 specifies the individual code list of the agency specified.</li> </ul>	this then )5 ar layei	е	
	Notes:		FI*ANV***SO-RSQ*ANV (EU-8a)			
			Data Element Summany			
	Ref.	Data	Data Element Summary			
		<u>Element</u>	Name			
1	<u>Attributes</u> PID01	349	Item Description Type	м	ID 1/	/1
•	11201	040	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 ANV Address Not Validated Indicator	; dat		
	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by Qualifier SO-RSQ Service Order - Reseller Questions list		AN 1 Sourc	
	PID08	1073	Yes/No Condition or Response Code	ο	ID 1/	1
			Code indicating a Yes or No condition or response			
			ANV (EU-8a) = Address Not Validated Indicator			

Μ

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

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

М

REF03

352

Description

content "LOCNUM" X AN 1/80

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

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

Segment:	N4 Geographic Location
Position:	3800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may
	be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes		<u>nume</u>		
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropria agency STATE (EU-25) = State/Province	ite g	overnment
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	ounc	tuation and
N405	309	Location Qualifier	Х	ID 1/2
		Code identifying type of location		
		RJ Region		
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		
		CALA (EU-26a) = Customer Address Location Area		

NX2 Location ID Component Segment: Position: 3850 N1 Optional Loop: Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2\*01\*SANO (EU-11) NX2\*02\*SASN (EU-14)

NX2\*02\*03\*SASD (EU-13) NX2\*03\*SASD (EU-13) NX2\*05\*BOX (EU-23c) NX2\*06\*ROUTE (EU-23b) NX2\*07\*CITY (EU-24) NX2\*39\*AHN (EU-23a) NX2\*40\*SASS (EU-16) NX2\*59\*SAPR (EU-10) NX2\*61\*SASF (EU-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)

			annar y		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compor	ent Qualifier	Μ	ID 2/2
		Code qualifying the	e type of address component		
			cation Designator 1		
		13 = (DWS: APT	,		
		34 = (DWS: LOT			
		35 = (DWS: RM) 36 = (DWS: SLIF			
		37 = (DWS: UNI	•		
		14 = (DWS: SUI	,		
			,		
		LD2 (EU-19) = Loc	cation Designator 2		
		32 = (DWS: FLR			
			cation Designator 3		
		12 = (DWS: BLD)			
		63 = (DWS: WN 30 = (DWS: PIEF	,		
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
		••			
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		
		12	Building Name		

	13	Apartment Number		
	14	Suite Number		
	30	Pier		
		The pier at which a ship or boat is doc	ked	ł
	32	Floor		
		A particular floor or level of a building		
	34	Lot		
		A particular lot or piece of land		
	35	Room		
		A walled room or partitioned area of a	bui	lding
	36	Slip		
		The slip or location on a pier at which is docked	a sł	nip 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 Informa	tion	М	AN 1/55
	Address informati	on		
	````	Service Address Number		
		Service Address Street Name		
	SASD (EU-13) = 3 BOX (EU-23c) = E	Service Address Street Directional Prefi	х	
	ROUTE (EU-23b)			
	CITY (EÙ-24) = Ć	ity		
	```	Assigned House Number		
	```	Service Address Street Directional Suffic	x	
	. ,	Service Address Number Prefix Service Address Number Suffix		
		Service Address Street Type		
	LV1 (EU-18) = Lo			
	$1 \sqrt{2} (FU-20) = 10$			

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

Μ

NX202

Segment:	N1 Name
Position:	3500
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of
	providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*ZE*CPE*MFR (EU-32)
	Data Element Summary
Ref.	Data
Des.	Element Name

<u>DC3.</u>		Name			
<u>Attributes</u>					
N101	98	Entity Identifier C	Code	М	ID 2/3
		Code identifying a or an individual	n organizational entity, a physical loca	ation,	property
		ZE	End Item Manufacturer		
			Manufacturer of the end item associa required material	ated	with the
N102	93	Name		Х	AN 1/60
		Free-form name			
		CPE MFR (EU-32	) = Customer Premises Equipment Ma	anufa	acturer

Segment:	<b>REF</b> Reference Identification
Position:	3900
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> </ol>
	<b>2</b> If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Comments:	
Notes:	REF*MJ*CPE MOD (EU-33)
	Data Element Summary
Ref.	Data
Des.	Element Name

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

Model Number

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

CPE MOD (EU-33) = Customer Premises Equipment Model Number

М

Attributes

REF01

REF02

128

127

MJ

ID 2/3

X AN 1/30

Μ

Segment:	SI Service Characteristic Identification
Position:	4050
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify service characteristic data
-	
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*AF*AFT (EU-9)

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

# PO1 Baseline Item Data - End User Form (Disconnect

Segment:	PO1 Baseline Item Data - End User Form (Disconnect					
	Information Section)					
Position:	0100					
Loop:	PO1 Mandatory					
Level:	Detail					
Usage:	Mandatory					
Max Use:	1					
Purpose:	o specify basic and most frequently used line item data					
Syntax Notes:	<ol> <li>If PO103 is present, then PO102 is required.</li> </ol>					
	2 If PO105 is present, then PO104 is required.					
	<b>3</b> If either PO106 or PO107 is present, then the other is required.					
	4 If either PO108 or PO109 is present, then the other is required.					
	<b>5</b> If either PO110 or PO111 is present, then the other is required.					
	6 If either PO112 or PO113 is present, then the other is required.					
	7 If either PO114 or PO115 is present, then the other is required.					
	If either PO118 or PO119 is present, then the other is required.					
	<b>0</b> If either PO120 or PO121 is present, then the other is required.					
	<b>11</b> If either PO122 or PO123 is present, then the other is required.					
Osmantia Natasa	<b>12</b> If either PO124 or PO125 is present, then the other is required.					
Semantic Notes:						
Comments:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> <li>PO101 is the line item identification.</li> </ol>					
	<ul> <li>2 PO101 is the line item identification.</li> <li>3 PO106 through PO125 provide for ten different product/service IDs</li> </ul>					
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,					
	ISBN No., Model No., or SKU.					
Notes:	PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat.]					
Notes.						
Def	Data Element Summary					
Ref.	Data					
<u>Des.</u> Attributos	Element Name					
<u>Attributes</u> PO101	350 Assigned Identification O AN 1/20					

PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation w transaction set	/ithin	a
		"n" = nth assigned ID within PO1 Loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being exp	oresse	ed, or
		manner in which a measurement has been taken EA Each		
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined	nber (	used in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"EU_DISC"		

Segment:	SI Service Characteristic Identification					
Position:	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*ND*DISC NBR (EU-55)					
	SI*TI*T6*TC OPT (EU-57)					

			Data Element S	Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Qualifier Code			ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	ristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics			
			ND	Disconnect Number		
			Т6	Transfer of Calls Options		
М	SI03	234	Product/Service ID		М	AN 1/48
			Identifying number for a product or service DISC NBR (EU-55) = Disconnect Telephone Number TC OPT (EU-57) = Transfer of Call Options			
			10011(10-57) =			

1000					
Detail					
•					
2 If either C04003 or C04004 is present, then the other is required.					
1 REF04 contains data relating to the value cited in REF02.					
REF*IX*DNUM (EU-54)*DNUM					
Data	Data Element Summary				
<u>Element</u>	<u>Name</u>				
128	Reference Identification Qualifier	Μ	ID 2/3		
	Code qualifying the Reference Identification				
	IX Item Number				
127	Reference Identification	Х	AN 1/30		
	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
	DNUM (EU-54) = Disconnect Line Number				
	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eitl 3 If eitl 1 REF REF*IX*I Data Element 128	PO1 Mandatory Detail Optional >1 To specify identifying information 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is requind 3 If either C04005 or C04006 is present, then the other is requind 1 REF04 contains data relating to the value cited in REF02. REF*IX*DNUM (EU-54)*DNUM Data Element Summary Data Element Name 128 Reference Identification Qualifier Code qualifying the Reference Identification IX Item Number 127 Reference Identification Reference information as defined for a particular Trans	1000         PO1       Mandatory         Detail       Optional         >1       To specify identifying information         1       At least one of REF02 or REF03 is required.         2       If either C04003 or C04004 is present, then the other is required.         3       If either C04005 or C04006 is present, then the other is required.         1       REF04 contains data relating to the value cited in REF02.         REF*IX*DNUM (EU-54)*DNUM         Data Element Summary         Data       Element         128       Reference Identification Qualifier       M         Code qualifying the Reference Identification       X         Reference Identification as defined for a particular Transaction specified by the Reference Identification Qualifier       X		

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

М

REF03

352

Description

content "DNUM" AN 1/80

Х

Segment:	DTN	Date/Time Refe	rence			
Position:	2100					
Loop:	PO1	PO1 Mandatory				
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.				
			en DTM03 is required.	ام		
Semantic Notes:	3 If ett		06 is present, then the other is require	ea.		
Comments:						
Notes:	DTM*37	DTM*376*TC PER{CCYYMMDD} (EU-62)				
10103.	D I WI O/					
	Data Element Summary					
Ref.	Data					
	<u>Element</u>	<u>Name</u>				
<u>Attributes</u>						
I DTM01	374	Date/Time Qualifier		Μ	ID 3/3	
		Code specifying type of date or time, or both date and time				
	376 Delivery End					
			The date that deliveries will end			
DTM02	373	Date		Х	DT 8/8	
		Date expressed as				

TC PER (EU-62) = Transfer of Calls Period

М

	<b>01 b</b>				
Segment:	SLN	Subline Item Detail			
Position:	4700				
Loop:	SLN Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To spec	fy product subline detail item data			
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.			
		N07 is present, then SLN06 is required.			
		N08 is present, then SLN06 is required.			
		her SLN09 or SLN10 is present, then the other is required.			
		her SLN11 or SLN12 is present, then the other is required.			
		her SLN13 or SLN14 is present, then the other is required.			
		her SLN15 or SLN16 is present, then the other is required.			
		her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required.			
		her SLN21 or SLN22 is present, then the other is required.			
		her SLN23 or SLN24 is present, then the other is required.			
		her SLN25 or SLN26 is present, then the other is required.			
		her SLN27 or SLN28 is present, then the other is required.			
Semantic Notes:		01 is the identifying number for the subline item.			
	2 SLN	02 is the identifying number for the subline level. The subline			
		is analogous to the level code used in a bill of materials.			
		03 is the configuration code indicating the relationship of the			
		ine item to the baseline item.			
		08 is a code indicating the relationship of the price or amount to			
Commontes		associated segment.			
Comments:		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baseline			
		number. Example: 1.1 or 1A might be used as a subline number			
		late to baseline number 1.			
		09 through SLN28 provide for ten different product/service IDs			
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,			
		No., Model No., or SKU.			
Notes:	SLN*TC	PRI*n*A*1*EA			
		Data Element Summary			
Ref.	Data	Maria			
Des.	<u>Element</u>	<u>name</u>			
Attributes SLN01	350	Assigned Identification M AN 1/20			
I SLINUT	350	5			
		Alphanumeric characters assigned for differentiation within a			
	transaction set "TCPRI"				
SLN02	350	Assigned Identification O AN 1/20			
JLINUZ	330	-			
		Alphanumeric characters assigned for differentiation within a			
transaction set					

М

SLN03

SLN04

662

380

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Numeric value of quantity

**Relationship Code** 

А

Quantity

"n" = nth assigned ID within SLN Loop

Add

Code indicating the relationship between entities

Μ

ID 1/1

X R 1/15

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

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO PRI (EU-58)

			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (EU-58) = Transfer of Calls to Primary Num	ber	

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

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical or an individual TT Transfer To	Il location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (EU-58b) = Transfer of Calls to Name		

Segment:	<b>REF</b> Reference Identification
Position:	5800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Comments:	
Notes:	REF*55*TCID (EU-58a)*PRI
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

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

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

128

127

352

55

Description

content "PRI"

REF01

REF02

REF03

ID 2/3

X AN 1/30

X AN 1/80

Segment:	<b>SLN</b>	Subline Item Detail	
Position:	4700		
Loop:	SLN	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To speci	fy product subline detail item data	
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.	
		N07 is present, then SLN06 is required.	
		N08 is present, then SLN06 is required.	
		her SLN09 or SLN10 is present, then the other is required.	
		her SLN11 or SLN12 is present, then the other is required.	
		her SLN13 or SLN14 is present, then the other is required.	
		her SLN15 or SLN16 is present, then the other is required.	
		her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required.	
		her SLN21 or SLN22 is present, then the other is required.	
		her SLN23 or SLN24 is present, then the other is required.	
		her SLN25 or SLN26 is present, then the other is required.	
		her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:		01 is the identifying number for the subline item.	
		02 is the identifying number for the subline level. The subline	
		is analogous to the level code used in a bill of materials.	
		03 is the configuration code indicating the relationship of the	
		ne item to the baseline item.	
		08 is a code indicating the relationship of the price or amount to	
		associated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	
		01 is related to (but not necessarily equivalent to) the baseline	
		number. Example: 1.1 or 1A might be used as a subline number late to baseline number 1.	
		09 through SLN28 provide for ten different product/service IDs	
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,	
		No., Model No., or SKU.	
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]	
		Data Element Summary	
Ref.	Data		
	<u>Element</u>	Name	
<u>Attributes</u>			
I SLN01	350	Assigned Identification M AN 1/2	20
		Alphanumeric characters assigned for differentiation within a	
		transaction set	
		"TCSEC"	
SLN02	350	Assigned Identification O AN 1/2	20
		Alphanumeric characters assigned for differentiation within a	
		transaction set	
		In the application of ID within CINI app	

м

Μ

SLN03

SLN04

662

380

Numeric value of quantity

**Relationship Code** 

А

Quantity

"n" = nth assigned ID within SLN Loop

Add

Code indicating the relationship between entities

Μ

ID 1/1

X R 1/15

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

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

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

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

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

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

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

Segment:	PO1	Baseline Item Data - Port Service Form					
Position:	0100						
Loop:	PO1	Optional					
Level: Usage:	Detail Optional						
Max Use:	1						
Purpose:		ify basic and most frequently used line item data					
Syntax Notes:							
		D105 is present, then PO104 is required. her PO106 or PO107 is present, then the other is require	od				
		her PO108 or PO109 is present, then the other is require ther PO108 or PO109 is present, then the other is require					
		her PO110 or PO111 is present, then the other is require					
		her PO112 or PO113 is present, then the other is require					
	7 If either PO114 or PO115 is present, then the other is required.						
		her PO116 or PO117 is present, then the other is require her PO118 or PO119 is present, then the other is require					
		her PO120 or PO121 is present, then the other is require the PO120 or PO121 is present, then the other is require					
		her PO122 or PO123 is present, then the other is require					
	12 If eit	<b>2</b> If either PO124 or PO125 is present, then the other is required.					
Semantic Notes: Comments:	1 See	the Data Element Dictionary for a complete list of IDs.					
comments.		01 is the line item identification.					
		06 through PO125 provide for ten different product/servi	ice ID	S			
		each item. For example: Case, Color, Drawing No., U.P.	C. No	).,			
Notes:		N No., Model No., or SKU.					
Notes:	PUTIN	*EA***ZZ*PS [PO1 Loop may repeat]					
		Data Element Summary					
Ref.	Data	M					
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>					
PO101	350	Assigned Identification	0	AN 1/20			
		Alphanumeric characters assigned for differentiation wi	thin a				
		transaction 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	-	ID 2/2			
		Code specifying the units in which a value is being even	rocco	dor			

PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	resse	ed, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined	ber ı	used in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"PS"		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
•	<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
Nataa	
Notes:	SI*TI*SA*LNA (PS-12)
	SI*TI*TN*TNS (PS-16)
	SI*TI*LZ*LSCP (PS-51)
	SI*TI*OT*OTN (PS-20)
	SI*TI*CM*CKR (PS-29) SI*TI*CN*ECCKT (PS-32)
	SI*TI*T6*TC OPT (PS-33)
	SI*TI*TQ*TLI (PS-17a)
	SI*TI*T5*TERS (PS-17)

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charact	eristics Qualifier	М	AN 2/2
			Code from an inc characteristics	lustry code list qualifying the type of se	rvice	!
			CM	Local Service Providers Circuit Num	ber	
			CN	Circuit Number Identification		
			LZ	Freeze Local Service Provider		
			ОТ	Out Telephone Number		
			SA	Service Activity		
			T5	Terminal Number		
			Т6	Transfer of Calls Options		
			TN	Telephone Number		
			TQ	Telephone Line ID		
Μ	SI03	234	Product/Service	e ID	Μ	AN 1/48
			Identifying number	er for a product or service		
			LNA (PS-12) = Li A = (DWS: N-	•		
			LNA (PS-12) = L	ine Activity		

D = (DWS: D-Disconnect) C = (DWS: C-Change) V = (DWS: V-Conversion as specified) P = (DWS: P-PIC change) CT = (DWS: X-TN change) TNS (PS-16) = Telephone Numbers CKR (PS-29) = Customer Circuit Reference ECCKT (PS-32) = Exchange Company Circu

ECCKT (PS-32) = Exchange Company Circuit ID LSCP (PS-51) = Local Service Provider Change Prohibited OTN (PS-20) = Out Telephone Number TERS (PS-17) = Terminal Numbers TLI (PS-17a) = Terminal Line Identifier TC OPT (PS-33) = Transfer of Call Options

Segment:	PID	Product/Item Description		
Position:	0500			
Loop:	PID	Optional		
Level:	Detail			
Usage: Max Use:	Optional 1			
Purpose:	-	ibe a product or process in coded or free-form format		
Syntax Notes:		D04 is present, then PID03 is required.		
-		ast one of PID04 or PID05 is required.		
		D07 is present, then PID03 is required.		
		D08 is present, then PID04 is required.		
Semantic Notes:		D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the cod	م انو	+
Semantic Notes.		g referred to.	0 113	L
		04 should be used for industry-specific product description	n	
	code			
		08 describes the physical characteristics of the product id		
		D04. A "Y" indicates that the specified attribute applies to	) this	\$
		; an "N" indicates it does not apply. Any other value is terminate.		
		09 is used to identify the language being used in PID05.		
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S",	then	
	PID	04 is used. If PID01 equals "X", then both PID04 and PID	05 ai	re
	usec			
		PID06 when necessary to refer to the product surface or	laye	r
		g described in the segment. )7 specifies the individual code list of the agency specifie	d in	
	PIDO		um	
Notes:		II*CFA*CFA (PS-46)		
		Data Element Summary		
Ref.	Data	·		
Des.	<u>Element</u>	<u>Name</u>		
Attributes	349	Item Description Type	84	ID 1/1
	349	Item Description Type	Μ	ווי טו
		Code indicating the format of a description		
DIDAA	<b>EF0</b>	X Semi-structured (Code and Text)	v	
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	Product Description Code	Х	AN 1/12

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

**Connecting Facility Assignment** 

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

CFA (PS-46) = Connecting Facility Assignment

Μ

PID05

product characteristic

CFA

content

Description

352

X AN 1/80

Segment:	KEF	Reference Identification	
Position:	1000		
Loop:	PO1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1 To on oo:		
Purpose: Syntax Notes:		fy identifying information ast one of REF02 or REF03 is required.	
Syntax Notes.		her C04003 or C04004 is present, then the othe	r is required
		her C04005 or C04006 is present, then the othe	
Semantic Notes:		04 contains data relating to the value cited in RI	
Comments:		3	
Notes:	<b>REF*IX*</b>	LNUM (PS-9)*LNUM	
		*TSP (PS-27)	
	REF*AE	*SAN (PS-28)	
		Data Element Summary	
Ref.	Data	Data Element Summary	
	Element	Name	
<u>Attributes</u>		Nume	
REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		Code qualifying the Reference Identification AE Authorization for Expense ( <i>i</i>	AFE) Number
		AE Authorization for Expense (A	
		AE Authorization for Expense (A	
REF02	127	AEAuthorization for Expense (GPGovernment Priority NumberIXItem Number	
REF02	127	AE Authorization for Expense (A GP Government Priority Number IX Item Number Reference Identification	x AN 1/30
REF02	127	AEAuthorization for Expense (GPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particular	<b>X AN 1/30</b> Transaction Set or as
REF02	127	AE Authorization for Expense (A GP Government Priority Number IX Item Number Reference Identification	<b>X AN 1/30</b> Transaction Set or as
REF02	127	AEAuthorization for Expense (rGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particularspecified by the Reference Identification Qualifi	<b>X AN 1/30</b> ar Transaction Set or as ier
REF02	127	AEAuthorization for Expense (AGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particulaspecified by the Reference Identification QualifLNUM (PS-9) = Line NumberTSP (PS-27) = Telecommunications Service PriSAN (PS-28) = Subscriber Authorization Number	x AN 1/30 ar Transaction Set or as ier
REF02 REF03	127 352	AEAuthorization for Expense (rGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particulaspecified by the Reference Identification QualificationLNUM (PS-9) = Line NumberTSP (PS-27) = Telecommunications Service Priority	x AN 1/30 ar Transaction Set or as ier
		AEAuthorization for Expense (AGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particulaspecified by the Reference Identification QualifLNUM (PS-9) = Line NumberTSP (PS-27) = Telecommunications Service PriSAN (PS-28) = Subscriber Authorization Number	r X AN 1/30 ar Transaction Set or as ler iority er X AN 1/80
		AEAuthorization for Expense (AGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particularspecified by the Reference Identification Qualification QualificationLNUM (PS-9) = Line NumberTSP (PS-27) = Telecommunications Service Prison SAN (PS-28) = Subscriber Authorization NumberDescription	r X AN 1/30 ar Transaction Set or as ler iority er X AN 1/80

Updated: April.12, 2002

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	2100 PO1 Detail Optional 1 To speci <b>1</b> At le <b>2</b> If D1 <b>3</b> If eit	Date/Time Reference         Optional         fy pertinent dates and times         ast one of DTM02 DTM03 or DTM05 is required.         M04 is present, then DTM03 is required.         her DTM05 or DTM06 is present, then the other is required         6*TC PER{CCYYMMDD} (PS-38)	
Ref. Des.	Data Element	Data Element Summary Name	
<u>Attributes</u>			
M DTM01	374	Date/Time Qualifier <b>N</b> Code specifying type of date or time, or both date and time	
		376 Delivery End	5
		The date that deliveries will end	
DTM02	373	Date >	( DT 8/8
		Date expressed as CCYYMMDD	
		TC PER (PS-38) = Transfer of Calls Period	

м

Segment:	N1 ⊾	lame	
Position:	3500		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To ident	ify a party by type of organization, name, and code	
Syntax Notes:		ast one of N102 or N103 is required.	
-	2 If eit	her N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	prov "ID ( trans	segment, used alone, provides the most efficient method iding organizational identification. To obtain this efficiency Code" (N104) must provide a key to the table maintained saction processing party. 5 and N106 further define the type of entity in N101.	y the
Notes:	N1*P9**	41*PIC (PS-22)	
D. (	D. (	Data Element Summary	
Ref.	Data	Nome	
<u>Des.</u> Attributes	<u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
	30	•	
		Code identifying an organizational entity, a physical loca or an individual	mon, property

P9

41

**Identification Code Qualifier** 

Identification Code (67)

**Identification Code** 

66

67

Primary Interexchange Carrier (PIC)

interexchange calls

being billed

PIC (PS-22) = InterLATA Presubscription Indicator Code

Code identifying a party or other code

Code designating the system/method of code structure used for

Identifies the carrier who will handle the

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

X ID 1/2

X AN 2/80

Μ

N103

N104

Segment:	N1 Name
Position:	3500
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*8V**41*LPIC (PS-23)

Ref.	Data			
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physi or an individual	cal location,	property
		8V Primary Intra-LATA (Local Ac Carrier	cess Transp	oort Area)
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code str Identification Code (67) 41 Telecommunications Carrier I		
		Identifies the Interexchange c being billed	arrier for the	e charges
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		LPIC (PS-23) = IntraLATA Presubscription Indica	ator Code	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic 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 13 If eit 13 If eit 13 If eit 13 If eit 13 SLN eve 3 SLN the a 1 See 2 SLN item to re 3 SLN	<ul> <li>SLN Optional</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To specify product subline detail item data</li> <li>1 If either SLN04 or SLN05 is present, then the other is required.</li> <li>2 If SLN07 is present, then SLN06 is required.</li> <li>3 If SLN08 is present, then SLN06 is required.</li> <li>4 If either SLN09 or SLN10 is present, then the other is required.</li> <li>5 If either SLN11 or SLN12 is present, then the other is required.</li> <li>6 If either SLN13 or SLN14 is present, then the other is required.</li> <li>7 If either SLN15 or SLN16 is present, then the other is required.</li> <li>8 If either SLN17 or SLN18 is present, then the other is required.</li> <li>9 If either SLN19 or SLN20 is present, then the other is required.</li> <li>10 If either SLN21 or SLN22 is present, then the other is required.</li> <li>11 If either SLN23 or SLN26 is present, then the other is required.</li> <li>12 If either SLN27 or SLN28 is present, then the other is required.</li> <li>13 If either SLN27 or SLN28 is present, then the other is required.</li> <li>14 SLN01 is the identifying number for the subline item.</li> <li>25 LN02 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>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> <li>4 See the Data Element Dictionary for a complete list of IDs.</li> <li>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.</li> </ul>		
<b>N</b> (	ISBN	No., Model No., or SKU.		
Notes:	SLINTIC	PRIMATEA		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
I SLN01	350	Assigned Identification M AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set		
SLN02	350	"TCPRI" O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set		

Μ

Μ

SLN03

SLN04

662

380

Numeric value of quantity

"n" = nth assigned ID within SLN Loop

Add

Code indicating the relationship between entities

transaction set

А

Quantity

**Relationship Code** 

Μ

ID 1/1

X R 1/15

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

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	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 <sup>*</sup> TC*TC TO PRI (PS-34)

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	rvice	)
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (PS-34) = Transfer of Calls to Primary Numb	er	

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	<b>2</b> If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (PS-34b)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physical or an individual TT Transfer To	al location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (PS-34b) = Transfer of Calls to Name		

Segment:	<b>REF</b> Reference Identification
Position:	5800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*55*TCID (PS-34a)*PRI
	Data Element Summary
Ref.	Data

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (PS-34a) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

Element Name

55

Description

content "PRI"

128

127

352

Des. Attributes

REF01

REF02

REF03

М

Updated: April.12, 2002	Qwe

ID 2/3

X AN 1/30

X AN 1/80

	<u> </u>	_
Segment:	SLN	Subline Item Detail
Position:	4700	
Loop:	SLN	Optional
Level:	Detail	optional
Usage:	Optional	
Max Use:	1	
Purpose:	To spec	ify product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
		N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
	5 If eit	her SLN11 or SLN12 is present, then the other is required.
	6 If eit	her SLN13 or SLN14 is present, then the other is required.
	7 If eit	her SLN15 or SLN16 is present, then the other is required.
	8 If eit	her SLN17 or SLN18 is present, then the other is required.
	9 If eit	her SLN19 or SLN20 is present, then the other is required.
		her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		I is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
Commontos		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		elate to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
		each item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]
		Data Element Summary
Ref.	Data	bata Elonione ouninary
Des.	Element	Name
Attributes		
1 SLN01	350	Assigned Identification M AN 1/2
		Alphanumeric characters assigned for differentiation within a
		transaction set
		"TCSEC"
SLN02	350	Assigned Identification O AN 1/2
02.102		Alphanumeric characters assigned for differentiation within a
		Alphanument unaracters assigned for unrefernation within a

М /20 /20 Alphanumeric characters assigned for differentiation within a transaction set "n" = nth assigned ID within SLN Loop Μ SLN03 662 **Relationship Code** Μ ID 1/1 Code indicating the relationship between entities А Add SLN04 380 X R 1/15 Quantity Numeric value of quantity

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

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI <sup>*</sup> TC*TC TO SEC (PS-35)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
14	Attributes	550	Ageney Qualifier Code		ID 2/2
М	SI01	559	Agency Qualifier Code	М	
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (PS-35) = Transfer of Calls to Secondary N	umb	er

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (PS-37)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physic or an individual TT Transfer To	al location,	property
N102	93	Name Free-form name TC NAME (PS-37) = Transfer of Calls to Name	X	AN 1/60

Segment: Position: Loop:	REF Reference Identification 5800 N1 Optional					
Level:	Detail					
Usage:	Optional					
Max Use:	12					
Purpose:	To specify identifying information					
Syntax Notes: Semantic 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> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>					
Comments:						
Notes:	REF*55*TCID (PS-36)*SEC					
	Data Element Summary					
Ref.	Data					
Des.	Element Name					

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (PS-36) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

Attributes

REF01

REF02

REF03

128

127

352

55

Description

content "SEC" Μ

Х

ID 2/3

X AN 1/30

AN 1/80

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4700 SLN Detail Optional 1	Subline Item Detail 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 11 If eit 12 If eit 13 If SL 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 10 If eit 11 If eit 11 If eit 12 If eit 10 If eit 11 If eit 11 If eit 11 If eit 12 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If eit 11 If 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 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 her SLN25 or SLN26 is present, then the other is require her SLN27 or SLN28 is present, then the other is require	d. d. d. d. d. d. d. d.	
Semantic Notes:	1 SLN 2 SLN level 3 SLN subli 4 SLN	01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The sul is analogous to the level code used in a bill of materials 03 is the configuration code indicating the relationship of ne item to the baseline item. 08 is a code indicating the relationship of the price or am associated segment.	bline the	to
Comments:	1 See 2 SLN item to re 3 SLN	the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the ba number. Example: 1.1 or 1A might be used as a subline late to baseline number 1. 09 through SLN28 provide for ten different product/servic ach item. For example: Case, Color, Drawing No., U.P.C	numl ce IDs	ber s
Notes:	ISBN	No., Model No., or SKU.		
notes.				
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
Attributes M SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set	<b>M</b> thin a	AN 1/20
SLN02	350	"BL" Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set	<b>O</b> thin a	AN 1/20
N SLN03	662	"n" = nth assigned ID within SLN Loop <b>Relationship Code</b> Code indicating the relationship between entities	М	ID 1/1
	200	A Add	v	

SLN04

Μ

Μ

Numeric value of quantity

Quantity

380

X R 1/15

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

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

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<b>1</b> SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*BB*BA (PS-52)*TB*BLOCK (PS-53)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			BB Blocking Activity		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			BA (PS-52) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			TB Blocking/Billing Exception		
	SI05	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			BLOCK (PS-53) = Block		

•		Subline Item Detail					
Segment:	JLN	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:		her SLN04 or SLN05 is present, then the other is required.					
		N07 is present, then SLN06 is required.					
		N08 is present, then SLN06 is required.					
		her SLN09 or SLN10 is present, then the other is required.					
		her SLN11 or SLN12 is present, then the other is required.					
		her SLN13 or SLN14 is present, then the other is required.					
		her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required.					
		her SLN19 or SLN20 is present, then the other is required.					
		her SLN21 or SLN22 is present, then the other is required.					
		her SLN23 or SLN24 is present, then the other is required.					
		her SLN25 or SLN26 is present, then the other is required.					
		her SLN27 or SLN28 is present, then the other is required.					
Semantic Notes:		01 is the identifying number for the subline item.					
		02 is the identifying number for the subline level. The subline					
		is analogous to the level code used in a bill of materials.					
		03 is the configuration code indicating the relationship of the					
		ne item to the baseline item.					
		08 is a code indicating the relationship of the price or amount to					
		associated segment.					
Comments:		the Data Element Dictionary for a complete list of IDs.					
		01 is related to (but not necessarily equivalent to) the baseline					
	item	number. Example: 1.1 or 1A might be used as a subline number					
	to re	late to baseline number 1.					
		09 through SLN28 provide for ten different product/service IDs					
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,					
		I 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						
	<u>Element</u>	Name					
<u>Attributes</u>	050	A					
I SLN01	350	Assigned Identification M AN					
		Alphanumeric characters assigned for differentiation within a					
		transaction set					

			"FA"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for different transaction set	entiation within	а
			"n" = nth assigned ID within SLN Loop		
	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between en	tities	
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			Numeric value of quantity		

Μ

1/20

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

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	<b>7</b> If either SI16 or SI17 is present, then the other is required.
	<b>8</b> 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:	<b>1</b> SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*SA*FA (PS-58)*SC*FEATURE (PS-59)
	SI*TI*FD*FEATURE DETAIL (PS-60) [SI Segment may repeat]

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	ristics Qualifier	М	AN 2/2
			Code from an indu characteristics FD SA	stry code list qualifying the type of ser Feature Data Service Activity	rvice	
М	SI03	234	Product/Service I	•	м	AN 1/48
			Identifying number FA (PS-58) = Feat A = (DWS: N-A D = (DWS: D-D V = (DWS: V-C CF = (DWS: C-C CT = (DWS: T-C FEATURE DETAIL			
	SI04	1000	Service Characte Code from an indu characteristics SC	ristics Qualifier stry code list qualifying the type of ser Service Category	X rvice	AN 2/2
	SI05	234	Product/Service I Identifying number FEATURE (PS-59)	for a product or service	X	AN 1/48

Segment:	PO1	Baseline Item Data - Regular Hunting					
-		Baseline item Data - Regular Hunting					
Position: Loop:	0100 PO1	Mandatory					
Level:	Detail	Manualory					
Usage:	Mandato	ry					
Max Use:	1						
Purpose:		fy basic and most frequently used line item data					
Syntax Notes:		0103 is present, then PO102 is required.					
		0105 is present, then PO104 is required. her PO106 or PO107 is present, then the other is require	hd				
		her PO108 or PO109 is present, then the other is require					
		her PO110 or PO111 is present, then the other is require					
		her PO112 or PO113 is present, then the other is require					
		her PO114 or PO115 is present, then the other is require					
		her PO116 or PO117 is present, then the other is require					
		her PO118 or PO119 is present, then the other is require her PO120 or PO121 is present, then the other is require					
		her PO122 or PO123 is present, then the other is require					
		her PO124 or PO125 is present, then the other is require					
Semantic Notes:							
Comments:		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		c			
		per each item. For example: Case, Color, Drawing No., U.P.C. No.,					
	ISBN No., Model No., or SKU.						
Notes:	PO1*n*1*EA***ZZ*HG [If this segment appears, HNTYP (LSR-116) = 5]						
Ref.	Data	Data Element Summary					
Des.	Element	Name					
Attributes							
PO101	350	Assigned Identification	0	AN 1/20			
	Alphanumeric characters assigned for differentiation within a						
		transaction set					
DO400	222	"n" = nth assigned ID within PO1 Loop	v	D 4/45			
PO102	330	Quantity Ordered	Х	R 1/15			
		Quantity ordered					
Doras	055	1 Always One	~				
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2			
		Code specifying the units in which a value is being expr manner in which a measurement has been taken	esse	a, or			

		manner in which a	a measurement has been taken		
		EA	Each		
PO106	235	Product/Service	ID Qualifier	Х	ID 2/2
		Code identifying t Product/Service II ZZ	he type/source of the descriptive num D (234) Mutually Defined	ber u	used in
PO107	234	Product/Service Identifying numbe	ID er for a product or service	X	AN 1/48
		"HG"			

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> </ol>
Computie Notes	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes: Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*SA*HA (LSR-112) SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116)

			Data Element	Data Element Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an indu	ustry code list qualifying the type of se	rvice	1
			characteristics			
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
Μ	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
			HA (LSR-112) = H	lunt Group Activity		
			A = (DWS: N-N	ew)		
			C = (DWS: C-C)	hange)		
			D = (DWS: D-R	,		
			V = (DWS: V-C	onversion as specified)		
				lunt Oraun Identifian		
			(LSR-113) = 1	Hunt Group Identifier		
			HNTYP (LSR-116	) = Hunting Type Code		
			•	S: 5-Regular/Series)		
			HTY004 = (DWS			

_	DEE						
Segment:		Reference Identification					
Position:	1000						
Loop:	PO1	Mandatory					
Level:	Detail						
Usage:	Optional						
Max Use: Purpose:	>1	fu identifuing information					
Syntax Notes:		fy identifying information					
Symax Notes.	<ul> <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> </ul>						
Semantic Notes:		04 contains data relating to the value cited in REF02.	ou.				
Comments:		<b>3</b>					
Notes:	<b>REF*IX*</b>	LOCNUM (LSR-109)*LOCNUM					
	REF*IX*	HNUM (LSR-110)*HNUM					
		Data Element Summary					
Ref.	Data	M					
Des.	<u>Element</u>	Name					
Attributes	128	Reference Identification Qualifier	м	ID 2/3			
	120		IVI	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 Transaction	ctior	n Set or as			
	specified by the Reference Identification Qualifier						
		LOCNUM (LSR-109) = Location Number					
55500		HNUM (LSR-110) = Hunt Number	v				
REF03	352	Description	Х	AN 1/80			
		A free-form description to clarify the related data elemen	ts a	nd their			
		contont					
		"LOCNUM"					

	_			
Segmer	M SLN	Subline Item Detail		
•				
Positio		Optional		
Loo	-	Optional		
Leve				
Usag Max Us	•			
		fu product cubling datail item data		
Purpos Syntax Note		fy product subline detail item data her SLN04 or SLN05 is present, then the other is required	1	
Syntax Note		.N07 is present, then SLN06 is required.	1.	
		N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is required.	1	
		her SLN11 or SLN12 is present, then the other is required		
		her SLN13 or SLN14 is present, then the other is required		
		her SLN15 or SLN16 is present, then the other is required		
		her SLN17 or SLN18 is present, then the other is required		
		her SLN19 or SLN20 is present, then the other is required		
		her SLN21 or SLN22 is present, then the other is required		
	11 If eit	her SLN23 or SLN24 is present, then the other is required	I.	
	12 If eit	her SLN25 or SLN26 is present, then the other is required	I.	
		her SLN27 or SLN28 is present, then the other is required	<b>I</b> .	
Semantic Note		01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The sub		
		l is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of	the	
		ine item to the baseline item.		1-
		08 is a code indicating the relationship of the price or amo	Sunt	to
Commont		associated segment.		
Comment		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the bas	olino	<b>`</b>
		number. Example: 1.1 or 1A might be used as a subline		
		late to baseline number 1.	Turric	
		09 through SLN28 provide for ten different product/service	e IDs	5
		ach item. For example: Case, Color, Drawing No., U.P.C.		
		No., Model No., or SKU.		,
Note		T*n*Á*1*EA		
		Data Element Summary		
Ref.	Data			
Des.		<u>Name</u>		
<u>Attribu</u>				
A SLNO	01 350	Assigned Identification	М	AN 1/20
		Alphanumeric characters assigned for differentiation with	nin a	
		transaction set		
		"HNT"		
SLN	02 350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with	nin a	
		transaction set		
		"n" = nth assigned ID within SLN Loop		
M SLNO	03 662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities		

Add

А

380

Quantity

Numeric value of quantity

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м

Μ

SLN04

Updated: April.12, 2002

X R 1/15

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

Segment:	N9 Reference Identification
Position:	5230
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*55*HTSEQ

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Tr specified by the Reference Identification Qualifier "HTSEQ"	ansaction	Set or as

Segment:	MTX Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before	e print",
	then MTX05 is required.	
Notes:	MTX**HTSEQ (LSR-118)	
	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 HTSEQ (LSR-118) = Hunting Sequence

Segment:	PO1	Baseline Item Data - Multi-Line Hunting						
Position:	0100							
Loop: Level:	PO1 Detail	Mandatory						
Usage:	Mandato	rv						
Max Use:	1	- ,						
Purpose:		fy basic and most frequently used line item data						
Syntax Notes:		0103 is present, then PO102 is required. 0105 is present, then PO104 is required.						
		her PO106 or PO107 is present, then the other is required.	d					
		her PO108 or PO109 is present, then the other is require						
		her PO110 or PO111 is present, then the other is require						
		her PO112 or PO113 is present, then the other is require her PO114 or PO115 is present, then the other is require						
		her PO116 or PO117 is present, then the other is require						
		her PO118 or PO119 is present, then the other is require						
		her PO120 or PO121 is present, then the other is require						
	<ul><li>11 If either PO122 or PO123 is present, then the other is required.</li><li>12 If either PO124 or PO125 is present, then the other is required.</li></ul>							
Semantic Notes:								
Comments:		1 See the Data Element Dictionary for a complete list of IDs.						
	-	01 is the line item identification.		_				
		06 through PO125 provide for ten different product/servic each item. For example: Case, Color, Drawing No., U.P.C						
		No., Model No., or SKU.		•,				
Notes:	PO1*n*1	*EA***ZZ*ML [If this segment appears, HNTYP (LSR-11	6) =	4]				
Ref.	Data	Data Element Summary						
Des.	<u>Element</u>	Name						
<u>Attributes</u>			_					
PO101	350	Assigned Identification	0	AN 1/20				
		Alphanumeric characters assigned for differentiation wit transaction set	nın a					
		"n" = nth assigned ID within PO1 Loop						
PO102	330	Quantity Ordered	Х	R 1/15				
		Quantity ordered						
		1 Always One						

10102	550		~	11/13
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	oresse	ed, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive nur Product/Service ID (234) ZZ Mutually Defined	nber ı	used in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"ML"		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*SA*HA (LSR-112) SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116) SI*TI*TQ*TLI (LSR-115)

Data Element Summary						
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying the	ne agency assigning the code values		
			ТΙ	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			characteristics	ustry code list qualifying the type of se	rvice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
Μ	SI03	234	<b>Product/Service</b>	ID	М	AN 1/48
			Identifying number	r for a product or service		
			A=(DWS: Ń-Ne C=(DWS: C-Ch D=(DWS: D-Re V=(DWS: V-Co HNTYP (LSR-116 HTY003 = (DWS HTY004 = (DWS HID (LSR-113) = H	ange) move) nversion as specified) ) = Hunting Type Code S: 5-Regular/Series)		

Segment: Position: Loop:	<b>REF</b> 1000 PO1	Reference Identification Mandatory		
Level: Usage: Max Use: Purpose: Syntax Notes:	1 At le	fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requir	ed.	
Semantic Notes: Comments: Notes:	3 If eit 1 REF REF*IX*	her C04005 or C04006 is present, then the other is requir 04 contains data relating to the value cited in REF02. LOCNUM (LSR-109)*LOCNUM HNUM (LSR-110)*HNUM		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
A REF01	128	Reference Identification QualifierCode qualifying the Reference IdentificationIXItem Number	М	ID 2/3
REF02	127	Reference Identification Reference information as defined for a particular Transac specified by the Reference Identification Qualifier LOCNUM (LSR-109) = Location Number HNUM (LSR-110) = Hunt Number	X ctior	<b>AN 1/30</b> Set or as
REF03	352	Description A free-form description to clarify the related data elemen content "LOCNUM" "HNUM"	X ts a	AN 1/80 nd their

Segment:	SLN	Subline Item Detail		
Position:	4700			
Loop:	SLN	Optional		
Level:	Detail			
Usage:	Optional			
Max Use: Purpose:	1 To speci	ty product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required	J.	
	2 If SL	N07 is present, then SLN06 is required.		
		N08 is present, then SLN06 is required.		
		ner SLN09 or SLN10 is present, then the other is required ner SLN11 or SLN12 is present, then the other is required		
		her SLN13 or SLN14 is present, then the other is required		
		ner SLN15 or SLN16 is present, then the other is required		
		ner SLN17 or SLN18 is present, then the other is required		
		her SLN19 or SLN20 is present, then the other is required		
		ner SLN21 or SLN22 is present, then the other is required ner SLN23 or SLN24 is present, then the other is required		
		ner SLN25 or SLN26 is present, then the other is required		
		ner SLN27 or SLN28 is present, then the other is required	ł.	
Semantic Notes:		01 is the identifying number for the subline item.	line	
		D2 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of		
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or am	ount	to
Comments:		ssociated segment. the Data Element Dictionary for a complete list of IDs.		
ooninents.		01 is related to (but not necessarily equivalent to) the bas	eline	;
	item	number. Example: 1.1 or 1A might be used as a subline		
		late to baseline number 1.	- 10-	
		09 through SLN28 provide for ten different product/servic ach item. For example: Case, Color, Drawing No., U.P.C		
		I No., Model No., or SKU.		,
Notes:	SLN*MH	NT*n*A*1*EA		
		Data Element Summany		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes				
A SLN01	350	Assigned Identification	M	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	iin a	
		"MHNT"		
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with	nin a	
		transaction set		
	660	"n" = nth assigned ID within SLN Loop	N.#	ID 4/4
A SLN03	662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities A Add		
SLN04	380	Quantity	х	R 1/15
SLINU4	200	wanniy	^	K 1/15

Numeric value of quantity

М

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

Segment:	N9 Reference Identification
Position:	5230
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*55*HTSEQ

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N901	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier "HTSEQ"	ransaction	Set or as

Segment:	MTX Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before</li> </ol>	print",
	then MTX05 is required.	
Notes:	MTX**HTSEQ (LSR-118)	
	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 HTSEQ (LSR-118) = Hunting Sequence

Segment:	PO1 Baseline Item Data - DL Form (Delivery Address Section)
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	1 If PO103 is present, then PO102 is required.
•	2 If PO105 is present, then PO104 is required.
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	9 If either PO118 or PO119 is present, then the other is required.
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*DA [PO1 Loop repeats DDQTY (DL-23) times]

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

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.
	<b>2</b> If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*AD*DACT (DL-81)

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

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

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	Attributes				
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	Deliv	/ery
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	pper	ndix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken DY Directory Books	esse	d, or
			Number of directory books delivered	to c	ustomer

QTY Quantity
2930
QTY Optional
Detail
Optional
1
To specify quantity information
<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
2 Only one of QTY02 or QTY04 may be present.
1 QTY04 is used when the quantity is non-numeric.
QTY*38*DIRQTYNC (DL-104)*DY
Data Element Summary

	Ref.	Data	·		
	Des.	Element	Name		
	Attributes				
М	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			38 Original Quantity		
	QTY02	380	Quantity	Χ	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 A examples of use)	pper	ndix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expre- manner in which a measurement has been taken DY Directory Books Number of directory books delivered		

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

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

Segment:	N4 o	Seographic Location					
Position:	3800						
Loop:	N1	N1 Optional					
Level:	Detail						
Usage:	Optional	Optional					
Max Use:	1						
Purpose:	To spec	ify the geographic place of the named party					
Syntax Notes:		I Only one of N402 or N407 may be present.					
	3 If N4	107 is present, then N404 is required.					
Semantic Notes:							
Comments:	<ol> <li>A combination of either N401 through N404, or N405 and N406 may</li> </ol>						
		dequate to specify a location.					
		2 is required only if city name (N401) is in the U.S. or Cana	da.				
Notes:	N4**STA	ATE (DL-99)*ZIP (DL-100)					
		Data Element Summary					
Ref.	Data	Data Liement Summary					
Des.	Element	Name					
<u>Attributes</u>		Manie					
N402	156	State or Province Code	( ID 2/2				
		Code (Standard State/Province) as defined by appropriate	government				
		agency	5				
		STATE (DL-99) = State/Province					
N403	116	Postal Code C	D ID 3/15				
		Code defining intermetional postal range code evaluating pu	امصح محائمت المحا				

#### NX2 Location ID Component Segment: Position: 3850 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2\*01\*DDANO (DL-85) NX2\*02\*DDASN (DL-88) NX2\*03\*DDASD (DL-87) NX2\*07\*CITY (DL-98)

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)

	Ref. Des.	Data <u>Element</u>	<u>Name</u>			
м	Attributes NX201	1106	Address Compo	nent Qualifier	М	ID 2/2
			Code qualifying th	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Informa	tion	Μ	AN 1/55
			Address information	on		
			DDASN (DL-88) = DDASD (DL-87) = CITY (DL-98) = Ci DDALO (DL-90a) DDASS (DL-90) = DDAPR (DL-84) = DDASF (DL-86) =	<ul> <li>Delivery Address Location</li> <li>Delivery Address Street Directional S</li> <li>Delivery Address Number Prefix</li> <li>Delivery Address Number Suffix</li> </ul>		
			DDATH (DL-89) =	Delivery Address Street Type		

Segment:	PO1 Baseline Item Data - DL Form (Service Details Section)
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	1 If PO103 is present, then PO102 is required.
-,	2 If PO105 is present, then PO104 is required.
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	<b>9</b> If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	· · · · · · · · · · · · · · · · · · ·
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	<b>2</b> PO101 is the line item identification.
	<b>3</b> PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*DL*SH*RTY (DL-12) [PO1 Loop may repeat]
	Data Element Summary
Ref.	Data Element Summary Data

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>			-	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	à
		"n" = nth assigned ID within PO1 Loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	ο	ID 2/2
		Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	oer u	sed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"DL"		
PO108	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive numl Product/Service ID (234)	oer u	sed in

		SH	Service Requested		
			A numeric or alphanumeric code from services available to the customer	m a I	list of
PO109	234	Product/Service	ID	Х	AN 1/48
		Identifying numbe	r for a product or service		
		RTY (DL-12) = Re	ecord Type		

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: 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 9 If eit 9 If eit 9 If eit 9 If eit 9 If eit 9 If eit 9 If eit 9 If eit 9 If eit 9 If eit 9 If eit	Mandatory ify service charac her SI04 or SI05 her SI06 or SI07 her SI08 or SI09 her SI10 or SI11 her SI12 or SI13 her SI14 or SI15 her SI16 or SI17 her SI18 or SI19 her SI20 or SI21	stic Identification eteristic data is present, then the other is required. is for each of the service characteristics	5	
		SI*TI*DO	G*DOI (DL-17)			
			N*DIRNAME (DL- )*BRO (DL-28)	34)		
		Data Ele	ement Summáry			
	Ref. Des.	Data Elomont	Namo			
	Attributes	<u>Element</u>	Name			
М	SI01	559	Agency Qualified	er Code	Μ	ID 2/2
				the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charac	teristics Qualifier	М	AN 2/2
			Code from an in	dustry code list qualifying the type of se	rvice	
			characteristics			
			BO	Business/Residence Placement Ove	rride	
			BR	Directory Listings Type of Account	rride	
			BR DG	Directory Listings Type of Account Degree of Indent	rride	
			BR DG DN	Directory Listings Type of Account Degree of Indent Directory Book Name	rride	
			BR DG DN LB	Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator	rride	
			BR DG DN LB LE	Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type	rride	
м	SI03	234	BR DG DN LB	Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	rride M	AN 1/48
М	SI03	234	BR DG DN LB LE TW Product/Servic	Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code		AN 1/48
М	SI03	234	BR DG DN LB LE TW Product/Servic Identifying numb LACT (DL-10) = LTY (DL-13) = L STYC (DL-15) = TOA (DL-16) = T DOI (DL-17) = D DIRNAME (DL-3	Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code <b>e ID</b> Deer for a product or service Listing Activity Indicator Listing Type Style Code Type of Account	м	AN 1/48

Segment:	PID	Product/Item D	escription		
Position:	0500				
Loop:	PID	Optional			
Level:	Detail				
Usage: Max Use:	Optional 1				
Purpose:		ribe a product or	process in coded or free-form format		
Syntax Notes:			hen PID03 is required.		
			4 or PID05 is required.		
			hen PID03 is required.		
			hen PID04 is required. hen PID05 is required.		
Semantic Notes:		•	e the organization that publishes the co	de lis	st
		g referred to.	5		
			ed for industry-specific product description	วท	
	code 3 PID		physical characteristics of the product i	donti	fied
			ates that the specified attribute applies		
			s it does not apply. Any other value is		-
		terminate.			
Commontos			ntify the language being used in PID05.	ہ ماد	
Comments:			then PID05 is used. If PID01 equals "S" 001 equals "X", then both PID04 and PI		
	used			200 0	
			cessary to refer to the product surface o	r laye	er
		g described in th			
	3 PID		ndividual code list of the agency specific	ed in	
Notes:			Q*OMTN (DL-41)		
		TI*AS***SO-RSC	· · · · ·		
		TI*AT***SO-RSQ			
		TI*AW***SO-RS( TI*AX***SO-RSG			
		TI*AY***SO-RSC			
		TI*BA***SO-RSC			
		Data Elemer	nt Summary		
Ref.	Data		-		
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
Attributes M PID01	349	Item Description	on Type	м	ID 1/1
	0-10	-	the format of a description		
		S	Structured (From Industry Code Lis	t)	
PID03	559	Agency Qualif	·	́х	ID 2/2
			g the agency assigning the code values		
		TI	Telecommunications Industry		
PID04	751	Product Descr	-	Х	AN 1/12
			industry code list which provides speci	fic da	ta about a
		product charact	teristic		
		AR	Omit Telephone Number		
		AS	Listed Name Placement		
		AT	Address Indicator		
		AW	Direct Mail List		
Updated: April.12, 2002			ns International, Inc. ument – Version 9.0		13

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		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	822	Source Subqual	ifier	ο	AN 1/15
		-	ndicates the table or text maintained b Service Order - Reseller Questions	•	Source
PID08	1073		n or Response Code	0	ID 1/1
11000	1075		Yes or No condition or response	U	
		LNPL (DL-44) = L			
		Blank, Not Pop	ulated = (DWS: Blank-Default to Word	d Pla	cement)
			dress Indicator Dmit in DA and directory) ulated = (DWS: Blank-Do not omit)		
		DML (DL-25) = D Y = (DWS: O-0 Blank, Not Pop			
		· ·	Telemarketing Dmit from Telemarketing) ulated = (DWS: Blank-Do Not Omit)		
		· · · ·	Professional Identifier No Solicitation Indicator		

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

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

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

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

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

•	1551	Message Text	х	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

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

Attributes						
N901	128	Reference Identification Qualifier				2/3
		Code qualifying the Reference Identification				
		82 Data Item Description (DID) Referen				
			rnme ed ot		ill ask	
N902	127	<b>Reference Identifi</b>	cation	Х	AN <sup>•</sup>	1/30
		specified by the Re	ion as defined for a particular Transa ference Identification Qualifier	ction	Set	or as
		"LTXTY"				
N903	369	Free-form Descrip	tion	Х	AN <sup>·</sup>	1/45
		Free-form descripti				
		LTXTY (DL-57) = L	isting Text Type			

Segment:	MTX Text
Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	<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**LTEXT (DL-59)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

To transmit large volumes of message text LTEXT (DL-59) = Line of Text

Message Text

MTX02

1551

X AN 1/4096

Segment:	N9 Reference Identification
Position:	3300
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*DL
	Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	Name		
<u>Attributes</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 Traspecified by the Reference Identification Qualifier ORI Order Instructions	ansactior	n Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"DL"		

Segment:	MT)	Text		
Position:	3400			
Loop:		Optional		
Level:	Detail	optional		
Usage:	Optional			
Max Use:	>1			
	· ·	fy taxtual data		
Purpose: Syntax Notes:	•	fy textual data		
Syntax Notes.		TX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		(05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines befor	e prir	nt",
		MTX05 is required.		
Notes:	MTX**R	EMARKS (DL-113)		
		Data Element Summary		
Ref.	Data			
Des.	<b>Element</b>	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

REMARKS (DL-113) = Remarks

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

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

# IN2 Individual Name Structure Components

Segment:	IN2 Individual Name Structure Components
Position:	3650
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To sequence individual name components for maximum specificity
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	IN2*05*LNLN (DL-45)
	IN2*02*LNFN (DL-46)*LNFN(DL-46)

IN2\*21\*DES (DL-47) IN2\*10\*TL (DL-48)\*TL IN2\*01\*TITLE1 (DL-49)\*TITLE1 IN2\*18\*NICK (DL-54) IN2\*12\*DESD (DL-50a)\*DESD IN2\*10\*TLD (DL-51)\*TLD IN2\*01\*TITLE1D (DL-52)\*TITLE1D

	_		Summary		
Des.		<u>Name</u>			
IN201	1104	Name Componer	nt Qualifier	М	ID 2/2
		Code identifying the	ne type of name component		
		01	Prefix		
		02	First Name		
		05	Last Name		
		10	Generation		
		12	Combined (Unstructured) Name		
		18	Preferred First Name or Nickname		
		21	Professional Title		
IN202	93	Name		М	AN 1/60
		Free-form name			
		LNFN (DL-46) = Listed Name First DES (DL-47) = Designation TL (DL-48) = Title of Lineage TITLE1 (DL-49) = Title of Address 1 NICK (DL-54) = Nickname DESD (DL-50a) = Designation for Dual Name TLD (DL-51) = Title of Lineage for Dual Name			
IN203	93			0	AN 1/60
		LNFN (DL-46) = L "TL" "TITLE1" "DESD" "TLD" "TITLE1D"	isted Name First		
	<u>Attributes</u> IN201	Des. Attributes IN201Element 1104IN20293	Ref.         Data Element         Name           Attributes         1104         Name Component Code identifying th 01           Name         01           02         05           10         12           18         21           IN202         93         Name           Free-form name         LNLN (DL-45) = L LNFN (DL-46) = L DES (DL-47) = De TL (DL-48) = Title TITLE1 (DL-49) = NICK (DL-54) = N DESD (DL-50a) = TLD (DL-51) = Titl TITLE1D (DL-52)           IN203         93         Name           Free-form name         LNFN (DL-46) = L "TL"           IN203         93         Name           Free-form name         LNFN (DL-46) = L "TL"           TITLE10         DL-52)         IN203	Ref. Des.Data ElementNameAttributes1104Name Component QualifierIN2011104Name Component Uualifier01Prefix02First Name05Last Name10Generation12Combined (Unstructured) Name18Preferred First Name or Nickname21Professional TitleIN20293NameIN20293NameIN20393NameIN20493NameIN205InterveIN205<	Des. Attributes       Element       Name         IN201       1104       Name Component Cualifier       M         Code identifying the type of name component       01       Prefix         01       Prefix       02         02       First Name       05         05       Last Name       10         06       Generation       12         12       Combined (Unstructured) Name       18         18       Preferred First Name or Nickname       19         19       Professional Title       M         IN202       93       Name       M         Free-form name       LNLN (DL-45) = Listed Name Last       LNFN (DL-46) = Listed Name First         DES (DL-47) = Designation       TL (DL-48) = Title of Address 1       NICK (DL-54) = Nickname         DES (DL-50a) = Designation for Dual Name       TITLE 10 (DL-51) = Title of Address 1 for Dual Name       TITLE 10 (DL-51) = Title of Address 1 for Dual Name         IN203       93       Name       O       Free-form name       O         IN203       93       Name       Name       O         Free-form name       LNFN (DL-46) = Listed Name First       TITL " "TITLE 1" "DESD"       TITLE 10         "DL-51) = Title of Address 1 for Dual Name       TITLE 1"

Segment:	N4 o	Seographic Location						
Position:	3800							
Loop:	N1							
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.						
Nataa	2 N402 is required only if city name (N401) is in the U.S. or Canada.							
Notes:	N4 <sup>™</sup> LA3	ST (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					
		· · · · · · · · · · · · · · · · · · ·	-					

LAST (DL-71) = Listed Address State/Province

agency

#### NX2 Location ID Component Segment: Position: 3850 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2\*01\*LANO (DL-63) NX2\*02\*LASN (DL-66) NX2\*03\*LASD (DL-65)

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

	Ret.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	NX201	1106	Address Compor	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		
Μ	NX202	166	Address Informat	lion	Μ	AN 1/55
			Address information	on		
			LANO (DL-63) = L	isted Address Number		
			. ,	sted Address Number Suffix		
				sted Address Street Directional Prefix		
			LASN (DL-66) = L	isted Address Street Name		
			LASS (DL-68) = Li	sted Address Street Directional Suffix		
			LAPR $(DL-62) = Li$	isted Address Number Prefix		
			LALO (DL-69) = Li	sted Address Location		
			LATH (DL-67) = Li	sted Address Street Type		
			LALOC $(DL-70) =$	Listed Address Locality		

Segment:	SI Service Characteristic Identification
Position:	4050
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<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 <sup>*</sup> TN*LTN (DL-39)
	SI*TI*NS*NSTN (DL-40)

			Data Element 3	Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	ne agency assigning the code values		
			ТΙ	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	9
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			· · · ·	ted Telephone Number Ion Standard Telephone Number		
			. , ,			

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes:	1To speci1161716171111122221	<ul> <li>100</li> <li>O1 Mandatory</li> <li>Detail Mandatory</li> <li>To specify basic and most frequently used line item data If PO103 is present, then PO102 is required. If PO105 is present, then PO104 is required. If PO105 is present, then PO104 is required. If either PO106 or PO107 is present, then the other is required. If either PO108 or PO109 is present, then the other is required. If either PO110 or PO111 is present, then the other is required. If either PO112 or PO113 is present, then the other is required. If either PO114 or PO115 is present, then the other is required. If either PO116 or PO117 is present, then the other is required. If either PO116 or PO117 is present, then the other is required. If either PO118 or PO119 is present, then the other is required. If either PO120 or PO121 is present, then the other is required.</li> <li>0 If either PO122 or PO123 is present, then the other is required.</li> <li>1 If either PO124 or PO125 is present, then the other is required.</li> <li>2 If either PO124 or PO125 is present, then the other is required.</li> </ul>					
Notes:	per e ISBN	<ul> <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> <li>PO1*DUMMY*1*EA***ZZ*DD</li> </ul>					
Ref.	Data	Data Element Summary					
Des.	Element	Name					
<u>Attributes</u>	050		•				
PO101 350		Assigned Identification Alphanumeric characters assigned for differentiation with transaction set "n" = nth assigned ID within PO1 Loop	<b>O</b> hin a	AN 1/20			
PO102	330	Quantity Ordered	Х	R 1/15			
		Quantity ordered					
50400	055	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> esse	<b>ID 2/2</b> d, or			
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2			

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Mutually Defined

Identifying number for a product or service

ΖZ

"DUMMY"

**Product/Service ID** 

234

PO107

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:	1 If either CTT03 or CTT04 is present, then the other is required.		
	<b>2</b> If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:			
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.		
Notes:	CTT*Number of PO1 Segments		
10103.	off Number of Toeghents		
	Data Element Summary		
Ref.	Data		
Des.	Element Name		
<u>Attributes</u>			
CTT01	354 Number of Line Items M	ł	N0 1/6

Total number of line items in the transaction set

М

	Segment:	SE 1	ransaction Set Trailer					
	Position: Loop:	0300						
	Level: Usage:	Summar Mandato						
	Max Use:	1						
	Purpose:	transmit	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)					
	ntax Notes: ntic Notes:	-						
(	Comments:	1 SE i	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>	Name					
	<u>Attributes</u>							
Μ	SE01	96	Number of Included Segments M	N0 1/10				
			Total number of segments included in a transaction set incl and SE segments	uding ST				
Μ	SE02	329	Transaction Set Control Number M	AN 4/9				
			Identifying control number that must be unique within the traset functional group assigned by the originator for a transact					

## 22.6.2 860 Digital Line-Side Port Supp (860DGTL)

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

#### Introduction:

The 860 DIGITAL service request will be used by the Co-Provider to initiate a supplemental service request for Digital Line Side Port to Qwest.

This implementation guideline references the following:

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

#### Notes:

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

#### Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	0100	ST	Transaction Set Header	М	1		
М	0200	BCH	Beginning Segment for Purchase Order Change	М	1		
	0500	REF	Reference Identification	0	>1		
	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		
	2100	PWK	Paperwork	0	25		
			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		

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3350	NX2	Location ID Component	0	>1	
3500	PER	Administrative Communications Contact	0	>1	
		LOOP ID - N1			200
3000	N1	Name	0	1	
		LOOP ID - N1			200
3000	N1	Name	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	
3100	N2	Additional Name Information	0	2	
3300	N4	Geographic Location	0	>1	
3350	NX2	Location ID Component	0	>1	
3500	PER	Administrative Communications Contact	0	>1	
3550	SI	Service Characteristic Identification	0	>1	

# Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - POC			>1	
0100	POC	Line Item Change - End User Form (Location and Access Section)	0	1		
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3700	N4	Geographic Location	0	1		İİ.
3750	NX2	Location ID Component	0	>1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3800	REF	Reference Identification	0	12		
3950	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - End User Form	0	1		
0180	SI	(Disconnect Information Section) Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		l l
		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		

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LOOP ID - SLN         >1           4700         SLN         Subline Item Detail         O         1           4800         SI         Service Characteristic Identification         O         >1           LOOP ID - N1         10         10           5360         N1         Name         O         1           5700         REF         Reference Identification         O         12	
4800     SI     Service Characteristic Identification     O     >1       LOOP ID - N1     10       5360     N1     Name     O     1	
LOOP ID - N1         10           5360 N1         Name         0         1	
5360 N1 Name O 1	
5700 REF Reference Identification O 12	
LOOP ID - POC >1	
0100 POC Line Item Change - Port Service Form O 1	
0180 SI Service Characteristic Identification O >1	
LOOP ID - PID 1000	
0500 PID Product/Item Description O 1	
1000 REF Reference Identification O >1	
2000 DTM Date/Time Reference O 10	
LOOP ID - N1 200	
3400 N1 Name O 1	
LOOP ID - N1 200	
3400 N1 Name O 1	
LOOP ID - SLN >1	
4600 SLN Subline Item Detail O 1	
4700 SI Service Characteristic Identification O >1	
LOOP ID - N1 10	
5360 N1 Name O 1	
5700 REF Reference Identification O 12	
LOOP ID - SLN >1	
LOOP ID - SLN     >1       4600 SLN     Subline Item Detail     O     1	
4700 SI Service Characteristic Identification O >1	
LOOP ID - N1 10	
5360 N1 Name O 1	
5700 REF Reference Identification O 12	
LOOP ID - SLN     >1       4600 SLN     Subline Item Detail     O     1	
LOOP ID - SLN >1	
4600 SLN Subline Item Detail O 1	
4700 SI Service Characteristic Identification O >1	
LOOP ID - POC >1	
0100 POC Line Item Change - Regular Hunting O 1	
0180 SI Service Characteristic Identification O >1	
1000 REF Reference Identification O >1	
LOOP ID - SLN >1	
4600 SLN Subline Item Detail O 1	
LOOP ID - N9 >1	

5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Multi-Line Hunting	0	1		
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
		LOOP ID - N9			>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		i i i
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Delivery	0	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	LOOP ID - POC Line Item Change - DL Form (Service	0	1	>1	
		Line Item Change - DL Form (Service Details Section)			>1	
0100 0180	POC SI	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification	0	1 >1		
0180	SI	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID	0	>1	>1	
0180 0500	SI PID	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description	0	>1		
0180	SI	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification	0	>1	1000	
0180 0500 1000	si Pid Ref	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9	0 0 0	>1 1 >1		
0180 0500 1000 3200	SI PID REF N9	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification	0 0 0	>1 1 >1 1	1000	
0180 0500 1000	si Pid Ref	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9	0 0 0	>1 1 >1	1000	
0180 0500 1000 3200	SI PID REF N9	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification	0 0 0	>1 1 >1 1	1000	
0180 0500 1000 3200	SI PID REF N9	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0 0	>1 1 >1 1	1000	
0180 0500 1000 3200 3260	SI PID REF N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9	0 0 0 0	>1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260	SI PID REF N9 MTX N9	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0	>1 1 >1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260	SI PID REF N9 MTX N9	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0 0 0	>1 1 >1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification		>1 1 >1 1 >1 1 >1 1 >1 1	1000	
0180 0500 1000 3200 3260 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1 1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text		>1 1 >1 1 >1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260 3200 3260 3260 3260	SI PID REF N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N1 Name Individual Name Structure Components		>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 ]	1000	
0180 0500 1000 3200 3260 3260 3260 3260 3260 3260 3	SI PID REF N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N1 Name Individual Name Structure Components Geographic Location		>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260 3200 3260 3260 3260	SI PID REF N9 MTX N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N1 Name Individual Name Structure Components		>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 >1 1 1 1	1000	

# Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> . <u>Max</u>		Loop Note <u>ax.Use Repeat Com</u>	
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1		n1
М	0300	SE	Transaction Set Trailer	М	1		

# **Transaction Set Notes**

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

	Segment:	ST 1	ransaction Set Header					
	Position: Loop:	0100						
	Level: Usage: Max Use:	Heading Mandatory						
Sy	Purpose: ntax Notes:	To indica	ate the start of a transaction set and to assign a control num	ber				
Sema	ntic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).						
		<ul> <li>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>						
	Comments: Notes:	ST*860*	TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data	Data Liement Summary					
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>					
Μ	ST01	143	Transaction Set Identifier Code M	ID 3/3				
			Code uniquely identifying a Transaction Set					
			860 Purchase Order Change Request - Buy	er Initiated				
М	ST02	329	Transaction Set Control Number M	AN 4/9				
			Identifying control number that must be unique within the ta	ansaction				

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

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	BCH Beginning Segment for Purchase Order Change 0200 Heading Mandatory 1 To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates					
S	emantic Notes:		106 is the date assigned by the purchaser to purchase or	der.			
	Comments: Notes:	3 BCH 4 BCH BCH*SU	<ul> <li>IO9 is the seller's order number.</li> <li>I10 is the date assigned by the sender to the acknowledg</li> <li>I11 is the date of the purchase order change request.</li> <li>IP (LSR-25)*SS*PON (LSR-2)**VER (LSR-3)*PO Date (SAccess Information)</li> </ul>				
	Ref.	Data	Data Element Summary				
	Des.	<u>Element</u>	Name				
М	<u>Attributes</u> BCH01	353	Transaction Set Purpose Code	м	ID 2/2		
			Code identifying purpose of transaction set				
			SUP (LSR-25) = Supplement Type 01 = (DWS: 1-CANCEL) 04 = (DWS: 2-DDD-Change) 05 = (DWS: 3-Other)				
Μ	BCH02	92	Purchase Order Type Code	Μ	ID 2/2		
			Code specifying the type of Purchase Order SS Supply or Service Order				
М	BCH03	324	Purchase Order Number	М	AN 1/22		
			Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number				
	BCH05	327	Change Order Sequence Number	0	AN 1/8		
			Number assigned by the orderer identifying a specific ch revision to a previously transmitted transaction set VER (LSR-3) = Version Identification	nang	e or		
М	BCH06	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: Syntax Notes:	<ul> <li>To specify identifying information</li> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>DEF04 contains data relation to the value sited in DEF02</li> </ul>
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*11*AN (LSR-7)*AN REF*11*EAN (EU-40)*EAN REF*JB*PROJECT (LSR-20) REF*SU*RTR (LSR-28)*RTR REF*CO*RPON (LSR-51)*RPON REF*1V*RORD (LSR-52)*RORD REF*12*BAN1 (LSR-61)*BAN1

			Data Element S	Summary		
	Ref.	Data	N			
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
М	REF01	128	Reference Identit	fication Qualifier	М	ID 2/3
			Code qualifying th	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunicat account	ions i	ndustry
			12	Billing Account		
				Account number under which billing	is rer	ndered
			1V	Related Vendor Order Number		
				A vendor's order number that is in a primary order number	dditio	n to a
			CO	Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special l requirements for the claim	handl	ing
	REF02	127	<b>Reference Identif</b>	fication	Х	AN 1/30
			specified by the R	ation as defined for a particular Transa eference Identification Qualifier	action	Set or as
			AN (LSR-7) = Acc			
				kisting Account Number		
				0) = Project Identification Response Type Requested		
			. ,	Related Purchase Order Number		
			RORD (LSR-52) =	Related Order Number Billing Account Number 1		
	REF03	352	Description		Х	AN 1/80
			A free-form descri content	ption to clarify the related data eleme	nts ai	nd their

"AN"
"EAN"
"RTR"
"RPON"
"RORD"
"BAN1"

# PAM Period Am

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

Ref.	Data					
Des.	<u>Element</u>	<u>Name</u>				
<u>Attributes</u>						
PAM01	673	Quantity Qualifie	r	Х	ID 2/2	
		Code specifying th	e 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			
		QP	Quantity by Position			
		QU	Quantity Serviced			
		T5	Total Number of Units			
PAM02	380	Quantity		Х	R 1/15	
		Numeric value of o	quantity			
		· · · ·	Hunt Group Quantity = Location Quantity			
I: April.12, 2002	Qw	est Communications	International, Inc.			1

		First 2 bytes of PG_of_ (LSR-10) Second 2 bytes of PG_of_(LSR-10) DQTY (EU-5) = Disconnect Quantity PQTY (PS-5) = Port Quantity DDQTY (DL-23) = Number of Delivery Segments		
PAM03	C001	Composite Unit of Measure	Х	
C00101	355	To identify a composite unit of measure (See Figures examples of use) Unit or Basis for Measurement Code	Apper <b>M</b>	ndix for
000101		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each		

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

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

		DTA						
	Segment:	DIN	Date/Ti	me Reference				
	Position:	1500						
	Loop:							
	Level:	Heading						
	Usage: Max Use:	Optional 10						
	Purpose:	-	fv pertinen	t dates and times				
	Syntax Notes:			DTM02 DTM03 or DTM05 is required.				
	-		•	esent, then DTM03 is required.				
		3 If eit	her DTM05	5 or DTM06 is present, then the other is require	:d.			
ŝ	Semantic Notes: Comments:							
	Notes:		7*D/TSEN	T{CCYYMMDD} (LSR-12)*D/TSENT{HHMM} (I	SR	-12)		
	Notes.			CYYMMDD} (LSR-14)***TM*APPTIME{HHMM}				
				CCYYMMDD} (LSR-36)	ì	,		
				lamont Cummany				
	Ref.	Data	Data E	lement Summary				
	Des.	Element	Name					
	<u>Attributes</u>							
	DTM01	374		e Qualifier	М	ID 3/3		
			•	cifying type of date or time, or both date and tir	ne			
			097	Transaction Creation				
			150	Service Period Start				
			270	Date Filed				
	DTM02	373	Date		Х	DT 8/8		
				ressed as CCYYMMDD				
				(LSR-12) = Date Sent R-14) = Desired Due Date				
			•	-SR-36) = Date of Agency Authorization				
	DTM03	337	Time		Х	TM 4/8		
			Time expi	ressed in 24-hour clock time as follows: HHMM	l, or	HHMMSS,		
				SSD, or HHMMSSDD, where H = hours (00-23				
				S = integer seconds (00-59) and DD = decimal seconds (00-59) and DD = decimal seconds (00-59) and DD = decimal second s				
			hundredth	econds are expressed as follows: $D = tenths$ (C	)-9)	and DD =		
				{HHMM} (LSR-12) = Time Sent				
	DTM05	1250		e Period Format Qualifier	Х	ID 2/3		
				cating the date format, time format, or date and	l tim	e format		
			TM	Time Expressed in Format HHMM				
				Time expressed in the format HHMM	wh	ere HH is		
				the numerical expression of hours in	the	day based		
				on a twenty-four hour clock and MM i		e numerical		
	DTM06	1251	Date Tim	expression of minutes within an hour	x	AN 1/35		
	DINUO	1231		n of a date, a time, or range of dates, times or				
			times	in or a date, a time, or range or dates, times or	uait			
				(HHMM) (ISP-15) - Appointment 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.							
	<b>3</b> If either SI08 or SI09 is present, then the other is required.							
	4 If either SI10 or SI11 is present, then the other is required.							
	<b>5</b> If either SI12 or SI13 is present, then the other is required.							
	6 If either SI14 or SI15 is present, then the other is required.							
	7 If either SI16 or SI17 is present, then the other is required.							
	8 If either SI18 or SI19 is present, then the other is required.							
Operation Nation	<b>9</b> If either SI20 or SI21 is present, then the other is required.							
Semantic Notes:	4 CIO4 defines the serves for each of the service characteristics							
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>							
Notes:	SI*TI*TY*TOS (LSR-44)							
Notes.	SI TI TY TOS (LSR-44) SI TI RE*REQTYP (LSR-23)							
	SI TI KE REQTTP (LSR-23) SI*TI*AA*ACT (LSR-24)							
	SI TI AA ACT (LSR-24) SI*TI*PW*PORTTYP (LSR-38)							
	SI TI PW PORTITE (LSR-36) SI*TI*LO*LST (LSR-42)							
	SI*TI*NC*NC (LSR-46)							
	SI*TI*NI*NCI (LSR-48)							

	Ref. Des.	Data Element	Name	<b>,</b>		
	Attributes		<u>Itumo</u>			
Μ	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	
			AA	Account Activity		
			LO	Local Exchange Carrier Serving Offic	ce	
			NC	Network Channel		
			NI	Network Channel Interface		
			PW	Port Type		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	<b>Product/Service</b>	ID	М	AN 1/48
			Identifying numbe	r for a product or service		
			D = (DWS : D- C = (DWS : C- V = (DWS : V-	New Installation) Disconnect of entire account)	1)	

TOS (LSR-44) = Type of Service
REQTYP (LSR-23) = Requisition Type and Status
PORTTYP (LSR-38) = Port Type
LST (LSR-42) = Local Service Termination
NC (LSR-46) = Network Channel Code
NCI (LSR-48) = Network Channel Interface Code

Segment:	PID	Product/Item Description						
Position:	1900	1900						
Loop: Level:	Heading	eading						
Usage:	Optional							
Max Use:	200							
Purpose: Syntax Notes:		describe a product or process in coded or free-form format If PID04 is present, then PID03 is required.						
Oyntax Notes.		east one of PID04 or PID05 is required.						
	3 If PI	D07 is present, then PID03 is required.						
		D08 is present, then PID04 is required.						
Semantic Notes:		D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code	o lie	+				
Semantic Notes.		g referred to.	5 113	ı				
	2 PID	04 should be used for industry-specific product description	۱					
	code 3 PID	es. 08 describes the physical characteristics of the product ide	entif	ied				
		ID04. A "Y" indicates that the specified attribute applies to						
	item	; an "N" indicates it does not apply. Any other value is						
		terminate.						
Comments:		09 is used to identify the language being used in PID05. D01 equals "F", then PID05 is used. If PID01 equals "S", t	thon					
Comments.		Do requals 1, then ribbo is used. If ribbo requals 3, to 20 is used. If PID04 and PID0						
	used	•						
		PID06 when necessary to refer to the product surface or	laye	r				
		g described in the segment. 07 specifies the individual code list of the agency specified	d in					
	J PID							
Notes:		TI*AH***SO-RSQ*CHC (LSR-22)						
		TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)						
		TI*AO***SO-RSQ*AGAUTH (LSR-35)						
		PID*S**TI*BI***SO-RSQ*FBI (EU-42) PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)						
D-(	Data	Data Element Summary						
Ref. Des.	Data <u>Element</u>	Name						
<u>Attributes</u>		<u>name</u>						
I PID01	349	Item Description Type	Μ	ID 1/1				
		Code indicating the format of a description						
		S Structured (From Industry Code List)						

PID03

PID04

559

751

ΤI

AH

AO

BI

CONVIND

PENDING

**Agency Qualifier Code** 

**Product Description Code** 

product characteristic

Code identifying the agency assigning the code values

Coordinated Hot Cut

Conversion Indicator

Pending Order

**Telecommunications Industry** 

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

Agency Authorization Status

Final Bill Information Indicator

X ID 2/2

X AN 1/12

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

#### onwork

Segment:	PWK Paperwork
Position:	2100
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To identify the type or transmission or both of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>PWK05 and PWK06 may be used to identify the addressee by a code number.</li> </ol>
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	PWK*DW*NS*1*DG*91*DRC (LSR-98)
	Data Floment Summany

	Ref. Des.	Data <u>Element</u>	Name			
	Attributes					
М	PWK01	755	Report Type Cod	e	М	ID 2/2
			Code indicating th item DW	e title or contents of a document, repo	rt or	supporting
	PWK02	756		Drawing(s)	0	ID 1/2
	PWKUZ	700	Report Transmis		-	
			Code defining timi are to be sent	ng, transmission method or format by	whic	ch reports
			NS	Not Specified		
				Indicates that a report will be transmi nonspecified medium	tted	via a
	PWK03	757	<b>Report Copies N</b>	eeded	Ο	N0 1/2
			The number of co	pies of a report that should be sent to	the a	addressee
			1	1		
	PWK04	98	Entity Identifier C	Code	0	ID 2/3
			Code identifying a or an individual	n organizational entity, a physical loca	ition,	, property
			DG	Design Engineering		
				Identifies the design engineer or offic engineer who will receive design spe		•
	PWK05	66	<b>Identification Co</b>	de Qualifier	Х	ID 1/2
			Code designating Identification Code 91	the system/method of code structure t e (67) Assigned by Seller or Seller's Agent	lsed	for
	PWK06	67	Identification Co	de	Х	AN 2/80
			Code identifying a	party or other code		
			DRC (LSR-98) = [	Design Routing Code		

Segment:	N9 Reference Identification
Position:	2850
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	-
Notes:	N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)
	Data Element Summary
Ref.	Data

	Rei.	Dala			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa	actior	Set or as
			specified by the Reference Identification Qualifier		
			ORI Order Instructions		
	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	tion r	umbers 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		
Μ	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa	actior	Set or as
			specified by the Reference Identification Qualifier		
			MANUAL IND (EU-63a) = Manual Indicator		

Segment:	MT)	Text		
Position:	2900			
Loop:	N9	Optional		
Level:	Heading	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	fy textual data		
Syntax Notes:	•	FX01 is present, then MTX02 is required.		
-,		FX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		ΓX04 is "AA - Advance the specific number of lines bef	ore pri	nt".
•••••••		MTX05 is required.	0.0 p	,
Notes:		EMARKS (EU-63)		
Def	Dete	Data Element Summary		
Ref.	Data	Nome		
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Attributes	4554	Maaaaga Taxt	х	AN 4/400C
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		

REMARKS (EU-63) = Remarks

Segment:	N9 Reference Identification
Position:	2850
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
•	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)
Ref.	Data Element Summary Data
Ref.	Data

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

Segment:	MTX Text		
Position:	2900		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before then MTX05 is required.	e pri	nt",
Notes:	then MTX05 is required. MTX**REMARKS (LSR-108)		
NOLES.	WITA REMARKS (ESR-100)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment:	N9 Reference Identification
Position:	2850
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Notes:	N9*H7*ORI*PORT****2W>MANUAL IND (PS-61a)
Def	Data Element Summary

	Ref.	Data			
	Des.	Element	<u>Name</u>		
<u>A</u>	<u>ttributes</u>				
Μ	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 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		
			"PORT"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	on n	umbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
Μ	C04002	127	Reference Identification	М	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion	Set or as
			MANUAL IND (PS-61a) = 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.	
Cyntax Hotes.	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	<ul> <li>MTX05 is present, then winx04 is required.</li> <li>MTX05 is the number of lines to advance before printing.</li> </ul>	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print",</li> </ol>	
Comments.		
Notes:	then MTX05 is required.	
Notes:	MTX**REMARKS (PS-61)	
Ref. <u>Des.</u>	Data Element Summary Data <u>Element</u> <u>Name</u>	
<u>Attributes</u> MTX02	1551Message TextXAN 1/4096To transmit large volumes of message text	I

REMARKS (PS-61) = Remarks

Segment:	N1 Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA (LSR-1)

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

	Segment:	NX2	Location ID Component		
	Position:	3350			
	Loop:		Optional		
	Level:	Heading			
	Usage: Max Use:	Optional			
	Purpose:	· ·	e types and values of a geographic location		
S	Syntax Notes:				
	nantic Notes:				
	Comments:				
	Notes:	NX2*91*	APOT (LSR-41)		
			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name		
	<u>Attributes</u>				
М	NX201	1106		М	ID 2/2
			Code qualifying the type of address component		
			91 Additional Point of Termination (APO)	Γ)	
М	NX202	166	Address Information	М	AN 1/55
			Address information		
			APOT (LSR-41) = Additional Point of Termination		

# **PER** Administrative Communications Contact

Segment:

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

# Semantic Notes:

Comments: Notes:

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

#### PER\*CN\*IMPCON (LSR-91)\*TE\*TEL NO (LSR-92)\*BN\*PAGER (LSR-93)

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	PER01	366	Contact Function C		М	ID 2/2
			, ,	major duty or responsibility of the pe	ersor	n or group
			named			
				gent		
				eneral Contact		
	PER02	93	Name		0	AN 1/60
			Free-form name			
			INIT (LSR-81) = Initia			
				Implementation Contact		
	PER03	365	Communication Nu	mber Qualifier	Х	ID 2/2
			Code identifying the	type of communication number		
			TE Te	elephone		
	PER04	364	<b>Communication Nu</b>	mber	Х	AN 1/256
				ations number including country or a	area	code when
			applicable			
			TEL NO (LSR-82) = 7			
	DEDOE	205	TEL NO (LSR-92) =		v	
	PER05	365	Communication Nu		X	ID 2/2
				type of communication number		
				eeper Number		
			FX Fa	acsimile		
	PER06	364	<b>Communication Nu</b>	mber	Х	AN 1/256
			Complete communica	ations number including country or a	area	code when
			applicable			
			PAGER (LSR-93) = $F$			
		205	FAX NO (LSR-84) =		v	
	PER07	365	Communication Nu		X	ID 2/2
				type of communication number		
			EM E	lectronic Mail		

# PER08 364 Communication Number X AN 1/256 Complete communications number including country or area code when applicable EMAIL (LSR-83) = Electronic Mail Address

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

Code identifying an organizational entity, a physical location, property

pick-up or origin point for a shipment

A geographic location designated as an authorized

Authorized From

AUTHNM (LSR-37) = Authorization Name

**Entity Identifier Code** 

or an individual

Free-form name

AN

Name

М

N101

N102

98

93

M ID 2/3

X AN 1/60

Segment:	N1 Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*BT**92*ACNA (LSR-64)

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical loca or an individual	ation	, property
		BT Bill-to-Party		
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code structure Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	used	l for
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		ACNA (LSR-64) = Access Customer Name Abbreviation	٦	

Segment:	N1 Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
-	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*DG*DSGCON (LSR-97)
	Data Element Summary
Ref.	Data
Des.	Element Name

Code identifying an organizational entity, a physical location, property

Identifies the design engineer or office of the design engineer who will receive design specifications

Design Engineering

DSGCON (LSR-97) = Design/Engineering Contact

**Entity Identifier Code** 

or an individual

Free-form name

DG

Name

ľ	VI	

**Attributes** 

N101

N102

98

93

M ID 2/3

X AN 1/60

Segment: <b>PER</b> Administrative Communications Contact						
Position: 3500						
Loop: N1 Optional						
Level: Heading						
Usage: Optional						
Max Use: >1						
	b identify a person or office to whom administrative communications					
should be directed						
<ul> <li>Syntax Notes:</li> <li>1 If either PER03 or PER04 is present, then the other is required.</li> <li>2 If either PER05 or PER06 is present, then the other is required.</li> <li>3 If either PER07 or PER08 is present, then the other is required.</li> </ul>						
Semantic Notes:						
Comments:						
Notes: PER*DE**FX*FAX NO (LSR-100)						
Data Element Summary Ref. Data						
Des. Element Name						
Attributes						
	) 2/2					
Code identifying the major duty or responsibility of the person o named DE Design Engineer	, _					
PER03 365 Communication Number Qualifier X ID	) 2/2					
Code identifying the type of communication number						
FX Facsimile						
PER04 364 Communication Number X A	N 1/256					
Complete communications number including country or area co applicable	ode when					
FAX NO (LSR-100) = Facsimile Number						

Segment:	N1 Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*X1*BILLNM (EU-43)
Ref.	Data Element Summary Data

Data <u>Element</u>	<u>Name</u>			
98	Entity Identifier	Code	М	ID 2/3
	Code identifying a or an individual	an organizational entity, a ph	ysical location	, property
	X1	Mail to		
		An address to which a spe	cified item is to	be mailed
93	Name		Х	AN 1/60
	Free-form name			
	BILLNM (EU-43)	= Bill Name		
	<u>Element</u> 98	ElementName98Entity Identifier ( Code identifying a or an individual X193Name Free-form name	Element       Name         98       Entity Identifier Code         Code identifying an organizational entity, a phor an individual         X1       Mail to         An address to which a spe         93       Name	Element       Name         98       Entity Identifier Code       M         Code identifying an organizational entity, a physical location or an individual       Name       Mail to         X1       Mail to       An address to which a specified item is to         93       Name       X         Free-form name       X

	Segment:	N2	dditional Name Information				
	Position:	3100					
	Loop:	N1	Optional				
	Level:	5					
	Usage:	Optional					
	Max Use:	2	e 1.0.1				
•	Purpose:	l o speci	fy additional names				
	ax Notes: tic Notes:						
	omments:						
U U	Notes:	N2*SBII	LNM (EU-44)				
	Notes.	NZ ODIL	ENM (E0-44)				
			Data Element Summary				
	Ref.	Data					
	Des.	Element	Name				
	<u>Attributes</u>						
М	N201	93	Name M	AN 1/60			
			Free-form name				
			SBILLNM (EU-44) = Secondary Bill Name				

Segment:	N4 o	Geographic Location					
Position:	3300	3300					
Loop:	N1	Optional					
Level:	Heading						
Usage:	Optional	ptional					
Max Use:	>1						
Purpose:	To speci	fy the geographic place of the named party					
Syntax Notes:							
	2 If N4	106 is present, then N405 is required.					
	3 If N4	<b>3</b> If N407 is present, then N404 is required.					
Semantic Notes:							
Comments:	1 A cc	mbination of either N401 through N404, or N405 and N40	06 m	ay			
		dequate to specify a location.					
		2 is required only if city name (N401) is in the U.S. or Car	nada				
Notes:	N4**STA	ATE (EU-49)*ZIP (EU-50)					
Ref.	Data Element Summary						
	Data	Nome					
<u>Des.</u> Attributes	<u>Element</u>	Name					
N402	156	156 State or Province Code X ID 2/2					
11402							
		Code (Standard State/Province) as defined by appropriate government					
		agency					
		STATE (EU-49) = State/Province					
N403	116	Postal Code	0	ID 3/15			

blanks (zip code for United States) ZIP (EU-50) = ZIP/Postal Code

Code defining international postal zone code excluding punctuation and

Max Use: Purpose: Syntax Notes: Semantic Notes:	NX2 Location ID Component 3350 N1 Optional Heading Optional >1 To define types and values of a geographic location
Comments: Notes:	NX2*01*SANO (EU-45b) NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46) NX2*35*ROOM/MAIL STOP (EU-47) NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45g) NX2*61*SASF (EU-45c) NX2*62*SATH (EU-45f)

			Data Element	Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			
М	Attributes NX201	1106	Address Compo	nent Qualifier	м	ID 2/2
			-	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			32	Floor		
			02	A particular floor or level of a building	1	
			35	Room	1	
				A walled room or partitioned area of	a bui	ildina
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informa	tion	М	AN 1/55
			Address informati	on		
			SASN (EU-45e) = SASD (EU-45d) = CITY (EU-48) = C FLOOR (EU-46) = ROOM/MAIL STO SASS (EU-45g) = SAPR (EU-45a) = SASF (EU-45c) =	•		

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<b>PER</b> Administrative Communications Contact 3500 N1 Optional Heading Optional >1 To identify a person or office to whom administrative communications should be directed 1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.						
Notes.		PER*BI*BILLCON (EU-51) *TE*TEL NO (EU-52)					
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element S	Summary				
A PER01	366	<b>Contact Function</b>	Code	М	ID 2/2		
		Code identifying th named BI	ne major duty or responsibility of Bill Inquiry Contact Service Provider contact for ma information on the invoice				
PER02	93	Name		0	AN 1/60		
		Free-form name BILLCON (EU-51)	= Billing Contact				
PER03	365	· · ·	Number Qualifier	Х	ID 2/2		
		Code identifying th TE	ne type of communication numbe Telephone	er			
PER04	364	Communication	Number	Х	AN 1/256		
		applicable	nications number including count = Telephone Number	ry or area	code when		

Μ

Segment:	SI Service Characteristic Identification					
Position:	3550					
Loop:	N1 Optional					
Level:	Heading					
Usage:	Optional					
Max Use:	>1					
Purpose:	To specify service characteristic data					
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.					
•	2 If either SI06 or SI07 is present, then the other is required.					
	3 If either SI08 or SI09 is present, then the other is required.					
	4 If either SI10 or SI11 is present, then the other is required.					
	5 If either SI12 or SI13 is present, then the other is required.					
	6 If either SI14 or SI15 is present, then the other is required.					
	7 If either SI16 or SI17 is present, then the other is required.					
	8 If either SI18 or SI19 is present, then the other is required.					
	<b>9</b> If either SI20 or SI21 is present, then the other is required.					
Semantic Notes:						
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>					
Notes:	SI*TI*AF*AFT (EU-44a)					

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

Segment:	${f POC}$ Line Item Change - End User Form (Location and Access
Position: Loop: Level: Usage:	Section) 0100 POC Optional Detail Optional
Max Use: Purpose:	1 To specify changes to a line item
Syntax Notes:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC18 or POC19 is present, then the other is required.</li> <li>If either POC20 or POC21 is present, then the other is required.</li> <li>If either POC22 or POC23 is present, then the other is required.</li> <li>If either POC24 or POC25 is present, then the other is required.</li> <li>If either POC26 or POC27 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.

-						
	N	o	te	2	s	

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

	Ref.	Data		-		
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
	POC01	350	Assigned Identifi	ication	0	AN 1/20
			Alphanumeric cha transaction set	racters assigned for differentiation wit	hin a	3
			"n" = nth assigned	ID within POC Loop		
М	POC02	670	Change or Respo	onse Type Code	М	ID 2/2
			Code specifying th	ne type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the corresponse the original purchase order with the v contained in the Purchase Order Cha Transaction Set	alue	es
	POC08	235	<b>Product/Service</b>	ID Qualifier	Х	ID 2/2
			Code identifying th Product/Service ID ZZ	he type/source of the descriptive numb D (234) Mutually Defined	oer u	sed in
	POC09	234	Product/Service	ID	Х	AN 1/48
			Identifying numbe	r for a product or service		
			"EU_SA"			

	Segment: Position: Loop: Level: Usage: Max Use:	PID 0500 PID Detail Optional 1	Product/Item Description Optional		
	Purpose:		ibe a product or process in coded or free-form format		
S	Syntax Notes: Semantic Notes:	<ol> <li>At le</li> <li>If PII</li> <li>If PII</li> <li>If PII</li> <li>If PII</li> <li>Use being</li> </ol>	D04 is present, then PID03 is required. ast one of PID04 or PID05 is required. D07 is present, then PID03 is required. D08 is present, then PID04 is required. D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code g referred to. D4 should be used for industry-specific product description	as in coded or free-form format D03 is required. D03 is required. D04 is required. D05 is required. D05 is required. Irganization that publishes the code list industry-specific product description al characteristics of the product identified at the specified attribute applies to this as not apply. Any other value is a language being used in PID05. D05 is used. If PID01 equals "S", then uals "X", then both PID04 and PID05 are are to refer to the product surface or layer ment. Ial code list of the agency specified in ary <b>e</b> M ID 1/1 rmat of a description uctured (From Industry Code List) <b>de</b> X ID 2/2 gency assigning the code values lecommunications Industry <b>Code</b> X AN 1/12 ry code list which provides specific data about a dress Not Validated Indicator <b>O</b> AN 1/15 ates the table or text maintained by the Source rvice Order - Reseller Questions list <b>Response Code O</b> ID 1/1	
	Comments:	<ul> <li>3 PIDC in PI item indet</li> <li>4 PIDC</li> <li>1 If PII PIDC used</li> <li>2 Use bein</li> </ul>	<ul> <li>8 describes the physical characteristics of the product ide D04. A "Y" indicates that the specified attribute applies to g an "N" indicates it does not apply. Any other value is terminate.</li> <li>99 is used to identify the language being used in PID05.</li> <li>D01 equals "F", then PID05 is used. If PID01 equals "S", to 4 is used. If PID01 equals "X", then both PID04 and PID05.</li> <li>PID06 when necessary to refer to the product surface or 1 g described in the segment.</li> <li>97 specifies the individual code list of the agency specified.</li> </ul>	this then )5 ar layei	re
	Notes:		TI*ANV***SO-RSQ*ANV (EU-8a)		
			Data Element Summary		
	Ref.	Data	Data Element Summary		
		<u>Element</u>	<u>Name</u>		
	<u>Attributes</u> PID01	349	Item Description Type	м	1/1
•	11201	545	Code indicating the format of a description	141	
	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 ANV Address Not Validated Indicator	; dat	
	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by Qualifier SO-RSQ Service Order - Reseller Questions list	the	
	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		

Μ

Segment:	REF	Reference Identification					
-							
Position:	1000	Ontinent					
Loop:	POC	Optional					
Level:	Detail						
Usage:	Optional						
Max Use:							
Purpose:							
Syntax Notes:							
		If either C04003 or C04004 is present, then the other is required.					
		her C04005 or C04006 is present, then the other is re	quired.				
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.					
Comments:							
Notes:	REF*IX*	LOCNUM (EU-7)*LOCNUM					
		Data Element Summary					
Def	Dete	Data Element Summary					
Ref.	Data	News					
<u>Des.</u>	<u>Element</u>	<u>name</u>					
Attribute:		Defenses Identification Qualifica					
I 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 Transpecified by the Reference Identification Qualifier	nsaction	Set or as			
		LOCNUM (EU-7) = Location Number					

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

м

REF03

352

Description

content "LOCNUM" X AN 1/80

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

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name			
N101	98	<b>Entity Identifier Cod</b>	le l	N	ID 2/3
		or an individual	rganizational entity, a physical locati stallation on Site	on,	property
N102	93	Name Free-form name		X	AN 1/60
		NAME (EU-8) = End	User Name		

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.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may
	be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)
	Data Element Summary
Ref.	Data
Des.	Element Name

Des.	Element	Name		
<u>Attributes</u>				
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropria agency STATE (EU-25) = State/Province	ite g	overnment
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	ound	
N405	309	Location Qualifier Code identifying type of location RJ Region	X	ID 1/2
N406	310	Location Identifier Code which identifies a specific location CALA (EU-26a) = Customer Address Location Area	0	AN 1/30

NX2 Location ID Component Segment: Position: 3750 N1 Optional Loop: Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2\*01\*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 S	ounnary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compon	ent Qualifier	Μ	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (EU-17) = Loc			
		13 = (DWS: APT			
		34 = (DWS: LOT	·		
		35 = (DWS: RM)			
		36 = (DWS: SLIF 37 = (DWS: UNI <sup>-</sup>	·		
		14 = (DWS: SUIT	,		
		14 - (800.001	,		
		LD2 (EU-19) = Loc	ation Designator 2		
		32 = (DWS: FLR)			
			ation Designator 3		
		12 = (DWS: BLD)			
		63 = (DWS: WN0 30 = (DWS: PIEF			
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
			P.O. Box Number		
		05			
		06	Rural Route Number		
		07	City Name		
		12	Building Name		

	13	Apartment Number		
	14	Suite Number		
	30	Pier		
		The pier at which a ship or boat is doc	ked	I
	32	Floor		
		A particular floor or level of a building		
	34	Lot		
		A particular lot or piece of land		
	35	Room		
		A walled room or partitioned area of a	bui	lding
	36	Slip		
		The slip or location on a pier at which is docked	a sł	nip or boat
	37	Unit		
	01	A unit or separate structure		
	39	Unstructured Property		
	40	Street Suffix		
	59	Street Number Low		
	61	Street Number Fraction		
	62	Street Name Suffix		
	63	Secondary Unit Identifier		
166	Address Informa	•	М	AN 1/55
	Address informati	on		
	SANO (EU-11) = 3	Service Address Number		
	SASN (EU-14) = \$	Service Address Street Name		
		Service Address Street Directional Prefi	х	
	BOX (EU-23c) = E			
	ROUTE (EU-23b) CITY (EU-24) = C			
		Assigned House Number		
	. ,	Service Address Street Directional Suffi	x	
	SAPR (EU-10) = \$	Service Address Number Prefix		
		Service Address Number Suffix		
		Service Address Street Type		
	LV1 (EU-18) = Lo LV2 (EU-20) = Lo			
	V = V = U = U = U			

LV3 (EU-22) = Location Value 3

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NX202

Segment:	N1 Name
Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*ZE*CPE*MFR (EU-32)
Ref.	Data Element Summary Data

<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier C	ode	М	ID 2/3
		Code identifying an or an individual	n organizational entity, a physical locat	ion,	, property
		ZE	End Item Manufacturer		
			Manufacturer of the end item associat required material	ed	with the
N102	93	Name		Х	AN 1/60
		Free-form name			
		CPE MFR (EU-32)	= Customer Premises Equipment Mar	nufa	acturer

Μ

Segment:	<b>REF</b> Reference Identification
Position:	3800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> </ol>
	<b>2</b> If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Comments:	
Notes:	REF*MJ*CPE MOD (EU-33)
	Data Element Summary
Ref.	Data
Des.	Element Name

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

Model Number

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

CPE MOD (EU-33) = Customer Premises Equipment Model Number

М

Attributes

REF01

REF02

128

127

MJ

ID 2/3

X AN 1/30

Μ

Segment:	SI Service Characteristic Identification
Position:	3950
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
,	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*AF*AFT (EU-9)

	Ref. Des.	Data Element	Name		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			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:	<b>POC</b> Line Item Change - End User Form (Disconnect
	Information Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
-	2 If POC07 is present, then POC06 is required.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	<ol> <li>POC01 is the purchase order line item identification.</li> </ol>
Comments:	

Com	ments:
	Notes:

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

	_	Data Lionioni Gammary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
POC01	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	1
		"n" = nth assigned ID within POC Loop		
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		
		the original purchase order with the	alue	s
POC08	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er u	sed in
POC09	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"EU DISC"		
	Attributes POC01 POC02 POC08	Des. Attributes POC01Element 350POC02670POC08235	Ref.       Data Element       Name         Attributes       FOC01       350       Assigned Identification Alphanumeric characters assigned for differentiation with transaction set         POC02       670       Change or Response Type Code Code specifying the type of change to the line item RZ       Replace All Values Receiver should replace the correspond the original purchase order with the v contained in the Purchase Order Char Transaction Set         POC08       235       Product/Service ID Qualifier Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ         POC09       234       Product/Service ID Identifying number for a product or service	Ref.       Data Element       Name         Attributes       FOC01       350       Assigned Identification       O         POC01       350       Assigned Identification       O         Alphanumeric characters assigned for differentiation within a transaction set       "n" = nth assigned ID within POC Loop         POC02       670       Change or Response Type Code       M         Code specifying the type of change to the line item       RZ       Replace All Values         RZ       Replace All Values       Receiver should replace the corresponding the original purchase order with the value contained in the Purchase Order Change Transaction Set       X         POC08       235       Product/Service ID Qualifier       X         Code identifying the type/source of the descriptive number u Product/Service ID (234) ZZ       Mutually Defined         POC09       234       Product/Service ID       X

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

		Data Element	Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
		Code identifying	the agency assigning the code values		
		TI	Telecommunications Industry		
SI02	1000	Service Charact	teristics Qualifier	Μ	AN 2/2
		Code from an inc characteristics	dustry code list qualifying the type of se	rvice	9
		ND	Disconnect Number		
		Т6	Transfer of Calls Options		
SI03	234	Product/Service	e ID	Μ	AN 1/48
		Identifying numb	er for a product or service		
		•	, ,		
		TC OPT (EU-57)	= Transfer of Call Options		
	<u>Des.</u> <u>Attributes</u> SI01 SI02	Des. AttributesElementSl01559Sl021000	Ref.DataDes.ElementNameAttributes559Agency QualifieSl01559Agency QualifieCode identifyingTISl021000Service CharacterCode from an ind characteristicsNDT6T6Sl03234Product/ServiceIdentifying numberDISC NBR (EU-5)	Des. Attributes       Element       Name         Sl01       559       Agency Qualifier Code         Code identifying the agency assigning the code values       TI         TI       Telecommunications Industry         Sl02       1000       Service Characteristics Qualifier         Code from an industry code list qualifying the type of se characteristics         ND       Disconnect Number         T6       Transfer of Calls Options	Ref.       Data         Des.       Element       Name         Attributes       Si01       559       Agency Qualifier Code       M         Si01       559       Agency Qualifier Code       M         Code identifying the agency assigning the code values       TI       Telecommunications Industry         Si02       1000       Service Characteristics Qualifier       M         Code from an industry code list qualifying the type of service characteristics       ND       Disconnect Number         T6       Transfer of Calls Options       M         Sl03       234       Product/Service ID       M         Identifying number for a product or service       DISC NBR (EU-55) = Disconnect Telephone Number

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 eit 3 If eit 1 REF	fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requir her C04005 or C04006 is present, then the other is requir 04 contains data relating to the value cited in REF02.		
Notes.		DNUM (EU-54)*DNUM		
Β.		Data Element Summary		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
1 REF01	128	Reference Identification QualifierCode qualifying the Reference IdentificationIXItem Number	М	ID 2/3
REF02	127	Reference Identification	Х	AN 1/30

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

Reference information as defined for a particular Transaction Set or as

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

Х

AN 1/80

М

REF03

352

Description

content "DNUM"

		-		
Segment:	DTN	Date/Tim	e Reference	
Position:	2000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	10			
Purpose:	To speci	fy pertinent	dates and times	
Syntax Notes:			OTM02 DTM03 or DTM05 is required.	
		•	sent, then DTM03 is required.	
	3 If eit	her DTM05	or DTM06 is present, then the other is required.	
Semantic Notes:				
Comments:				
Notes:	DTW 370		CCYYMMDD} (EU-62)	
		Data Ele	ement Summary	
Ref.	Data			
	Element	Name		
Attributes				
DTM01	374	Date/Time	Qualifier M	ID 3/3
		Code spec	ifying type of date or time, or both date and time	
		376	Delivery End	
			The date that deliveries will end	
DTM02	373	Date	X	DT 8/8
DINIOL	0.0		ssed as CCYYMMDD	2.00
		Date exple		

TC PER (EU-62) = Transfer of Calls Period

М

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	<ul> <li>4600</li> <li>SLN</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To speci</li> <li>1 If eit</li> <li>2 If SL</li> <li>3 If SL</li> <li>4 If eit</li> <li>5 If eit</li> <li>6 If eit</li> <li>7 If eit</li> <li>8 If eit</li> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> <li>12 If eit</li> <li>13 If eit</li> <li>14 If eit</li> <li>15 Expansion</li> <li>16 Expansion</li> <li>16 Expansion</li> <li>17 See</li> <li>2 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>19 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li></ul>	Subline Item Detail         Optional         fy product subline detail item data         her SLN04 or SLN05 is present, then the other is required.         N07 is present, then SLN06 is required.         N08 is present, then SLN06 is required.         her SLN09 or SLN10 is present, then the other is required.         her SLN11 or SLN12 is present, then the other is required.         her SLN13 or SLN16 is present, then the other is required.         her SLN15 or SLN16 is present, then the other is required.         her SLN17 or SLN18 is present, then the other is required.         her SLN21 or SLN20 is present, then the other is required.         her SLN21 or SLN20 is present, then the other is required.         her SLN21 or SLN20 is present, then the other is required.         her SLN21 or SLN20 is present, then the other is required.         her SLN21 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         01 is the identifying number for the subline level. The subline         1is analogous to the level code used in a bill of materials.         03 is the configuration code indicating the relationship of the         ine item to the baseline item.         08 is a code indicating the relationship of the price or amount to         associated segment.
Notes:		PRI*n*A*1*EA
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>
I SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set
		"TCPRI"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a

A	л
n	л

Μ

SLN03

SLN04

662

380

Numeric value of quantity

"n" = nth assigned ID within SLN Loop

Code indicating the relationship between entities

Add

transaction set

А

Quantity

**Relationship Code** 

Μ

ID 1/1

X R 1/15

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
<b>N</b> <i>i</i>	qualifiers.
Notes:	SI*TI*TC*TC TO PRI (EU-58)

			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name		
	Attributes				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	1
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (EU-58) = Transfer of Calls to Primary Numl	ber	

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

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

Segment:	<b>REF</b> Reference Identification
Position:	5700
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
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*55*TCID (EU-58a)*PRI
	Data Element Summary
Ref. <u>Des.</u> Attributes	Data <u>Element</u> <u>Name</u>

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

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

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

REF01

REF02

REF03

128

127

352

55

Description

content "PRI" ID 2/3

X AN 1/30

AN 1/80

Μ

Х

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic 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 13 If eit 13 If eit 13 If eit 13 SLN I SLN I SEN I S	Subline Item Detail         Optional         fy product subline detail item data         her SLN04 or SLN05 is present, then the other is required.         N07 is present, then SLN06 is required.         her SLN09 or SLN10 is present, then the other is required.         her SLN11 or SLN12 is present, then the other is required         her SLN13 or SLN14 is present, then the other is required         her SLN15 or SLN16 is present, then the other is required         her SLN17 or SLN18 is present, then the other is required         her SLN20 or SLN20 is present, then the other is required         her SLN19 or SLN20 is present, then the other is required         her SLN21 or SLN20 is present, then the other is required         her SLN21 or SLN20 is present, then the other is required         her SLN21 or SLN20 is present, then the other is required         her SLN21 or SLN26 is present, then the other is required         her SLN27 or SLN28 is present, then the other is required         her SLN27 or SLN28 is present, then the other is required         her identifying number for the subline level. The su         is analogous to the level code used in a bill of materials         03 is the configuration code indicating the relationship of         he jate a telement Dictionary for a complete list of IDs.         01 is related to (but not necessarily equivalent to) the bat number. Example: 1.1 or 1A might be used as a subline lat	ed. ed. ed. ed. ed. ed. ed. ed. ed. ed.	e ber s	
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]			
Ref. <u>Des.</u> <u>Attributes</u> I SLN01	Data <u>Element</u> 350	Data Element Summary Name Assigned Identification Alphanumeric characters assigned for differentiation wi transaction set "TCSEC"	<b>M</b> thin a		1/20
SLN02	350	Assigned Identification	0	AN	1/20

SLN03

SLN04

662

380

М

Μ

Numeric value of quantity

"n" = nth assigned ID within SLN Loop

Code indicating the relationship between entities

Add

transaction set

А

Quantity

**Relationship Code** 

Alphanumeric characters assigned for differentiation within a

Μ

ID 1/1

X R 1/15

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

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

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

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

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

Segment:	<b>REF</b> Reference Identification
Position:	5700
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
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*55*TCID (EU-60)*SEC
- /	Data Element Summary
Ref.	Data

Μ

<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
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 Transac specified by the Reference Identification Qualifier	ction	Set or as
DEEAA	050	TCID (EU-60) = Transfer of Calls to Identifier	V	A NI 4/00
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elemen content	ts ar	id their
		"SEC"		

Segment:	<b>POC</b> Line Item Change - Port Service Form
Position:	0100
Loop:	POC Optional
Level:	Detail
	Optional
Usage: Max Use:	
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	<b>3</b> If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Compatio Notoo	
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*PS [POC Loop may repeat]

	Def	Data	Data Element	Summary				
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name					
	POC01	350	Assigned Identi	fication	0	AN 1/20		
			Alphanumeric ch transaction set	aracters assigned for differentiation wi	on within a			
			"n" = nth assigned	ed ID within POC Loop				
М	POC02	670	Change or Resp	oonse Type Code	Μ	ID 2/2		
			Code specifying	the type of change to the line item				
			RZ	Replace All Values				
			Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set			es		
	POC08	235	Product/Service	e ID Qualifier	Х	ID 2/2		
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) ZZ Mutually Defined					
	POC09	234	Product/Service	•	х	AN 1/48		
		204		er for a product or service	~	/		
			"PS"					

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							
<b>N</b> <i>i</i>	qualifiers.							
Notes:	SI*TI*SA*LNA (PS-12)							
	SI*TI*TN*TNS (PS-16)							
	SI*TI*LZ*LSCP (PS-51)							
	SI*TI*OT*OTN (PS-20)							
	SI*TI*CM*CKR (PS-29)							
	SI*TI*CN*ECCKT (PS-32)							
	SI*TI*T6*TC OPT (PS-33)							
	SI*TI*TQ*TLI (PS-17a)							
	SI*TI*T5*TERS (PS-17)							

Ref. Des. Attributes       Data Element       Name         M       Sl01       559       Agency Qualifier Code       M       ID 2/2         Code identifying the agency assigning the code values       TI       Telecommunications Industry         M       Sl02       1000       Service Characteristics Qualifier       M       AN 2/2         Code from an industry code list qualifying the type of service characteristics       CM       Local Service Providers Circuit Number         CN       Circuit Number Identification       Circuit Number Identification				Data Element	Summary		
Attributes       Agency Qualifier Code       M       ID 2/2         M       Sl01       559       Agency Qualifier Code       M       ID 2/2         Code identifying the agency assigning the code values       TI       Telecommunications Industry         M       Sl02       1000       Service Characteristics Qualifier       M       AN 2/2         Code from an industry code list qualifying the type of service characteristics       CM       Local Service Providers Circuit Number       Vertication         CN       Circuit Number Identification       Circuit Number Identification       Circuit Number       Circuit Number		Ref.	Data				
M       Sl01       559       Agency Qualifier Code       M       ID 2/2         Code identifying the agency assigning the code values       TI       Telecommunications Industry         M       Sl02       1000       Service Characteristics Qualifier       M       AN 2/2         Code from an industry code list qualifying the type of service characteristics       CM       Local Service Providers Circuit Number       V         CM       Circuit Number Identification       Circuit Number Identification       V       V		Des.	Element	<u>Name</u>			
M       Sl02       1000       Service Characteristics Qualifier       M       AN 2/2         Code from an industry code list qualifying the type of service characteristics       CM       Local Service Providers Circuit Number         CN       Circuit Number Identification       Code not complete the type of service		<u>Attributes</u>					
M       Sl02       1000       Service Characteristics Qualifier       M       AN 2/2         Code from an industry code list qualifying the type of service characteristics       CM       Local Service Providers Circuit Number         CN       Circuit Number Identification	М	SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
M       Sl02       1000       Service Characteristics Qualifier       M       AN 2/2         Code from an industry code list qualifying the type of service characteristics       Code from an industry code list qualifying the type of service characteristics         CM       Local Service Providers Circuit Number         CN       Circuit Number Identification				Code identifying	the agency assigning the code values		
Code from an industry code list qualifying the type of service characteristics CMLocal Service Providers Circuit Number Circuit Number Identification				ТΙ	Telecommunications Industry		
characteristicsCMLocal Service Providers Circuit NumberCNCircuit Number Identification	М	SI02	1000	Service Charact	teristics Qualifier	М	AN 2/2
CN Circuit Number Identification					dustry code list qualifying the type of se	rvice	!
				CM	Local Service Providers Circuit Num	ber	
				CN	Circuit Number Identification		
LZ Freeze Local Service Provider				LZ	Freeze Local Service Provider		
OT Out Telephone Number				ОТ	Out Telephone Number		
SA Service Activity				SA	Service Activity		
T5 Terminal Number				T5	Terminal Number		
T6 Transfer of Calls Options				Т6	Transfer of Calls Options		
TN Telephone Number				TN	Telephone Number		
TQ Telephone Line ID				TQ	Telephone Line ID		
M SI03 234 Product/Service ID M AN 1/48	Μ	SI03	234	Product/Service	e ID	Μ	AN 1/48
Identifying number for a product or service				Identifying numb	er for a product or service		
LNA (PS-12) = Line Activity A = (DWS: N-New)				· · ·	•		

D = (DWS: D-Disconnect) C = (DWS: C-Change) V = (DWS: V-Conversion as specified) P = (DWS: P-PIC change) CT = (DWS: X-TN change) TNS (PS-16) = Telephone Numbers CKR (PS-29) = Customer Circuit Reference ECCKT (PS-32) = Exchange Company Circuit ID

LSCP (PS-51) = Local Service Provider Change Prohibited OTN (PS-20) = Out Telephone Number TERS (PS-17) = Terminal Numbers TLI (PS-17a) = Terminal Line Identifier

TC OPT (PS-33) = Transfer of Call Options

Segment:	PID	Product/Item Description					
Position: Loop: Level: Usage:	0500 PID Detail Optional	Optional					
Max Use:1Purpose:To describe a product or process in coded or free-form formatSyntax Notes:1If PID04 is present, then PID03 is required.2At least one of PID04 or PID05 is required.							
Semantic Notes:	<ol> <li>If PID07 is present, then PID03 is required.</li> <li>If PID08 is present, then PID04 is required.</li> <li>If PID09 is present, then PID05 is required.</li> <li>Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>PID04 should be used for industry-specific product description</li> </ol>						
Comments:	<ul> <li>codes.</li> <li>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.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> <li>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.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in</li> </ul>						
Notes:	PIDC PID*X**	II*CFA*CFA (PS-46)					
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>					
I PID01	349	Item Description TypeCode indicating the format of a descriptionXSemi-structured (Code and Text)	М	ID 1/1			
PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry	X	ID 2/2			
PID04	751	Product Description Code	X	AN 1/12			

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

**Connecting Facility Assignment** 

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

CFA (PS-46) = Connecting Facility Assignment

Μ

PID05

product characteristic

CFA

content

Description

352

X AN 1/80

Segment:	KEF	<b>Reference Identification</b>					
Position:	1000						
Loop:	POC	Optional					
Level:	Detail						
Usage:	Optional						
Max Use: Purpose:	>1	videntifying information					
Syntax Notes:		pecify identifying information t least one of REF02 or REF03 is required.					
Syntax Notes.		her C04003 or C04004 is present,					
		ner C04005 or C04006 is present,					
Semantic Notes:		04 contains data relating to the va					
Comments:		-					
Notes:		NUM (PS-9)*LNUM					
		TSP (PS-27)					
	REF AE	SAN (PS-28)					
		Data Element Summary					
Ref.	Data	Data Lionont Cumulary					
_							
Des.	Element	Name					
<u>Attributes</u>							
<u>Attributes</u>	Element 128	<u>Name</u> Reference Identification Qualif	ier MID 2	2/3			
<u>Attributes</u>				2/3			
<u>Attributes</u>		Reference Identification Qualif Code qualifying the Reference Id		2/3			
<u>Attributes</u>		Reference Identification QualifCode qualifying the Reference IdAEAuthorization	entification	2/3			
<u>Attributes</u>		Reference Identification QualifCode qualifying the Reference IdAEAuthorization	entification for Expense (AFE) Number	2/3			
<u>Attributes</u>		Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment F	entification for Expense (AFE) Number Priority Number	2/3 1/30			
<u>Attributes</u> A REF01	128	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem NumberReference Identification	entification for Expense (AFE) Number Priority Number X AN	1/30			
<u>Attributes</u> M REF01	128	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem Number	entification for Expense (AFE) Number Priority Number X AN for a particular Transaction Set	1/30			
<u>Attributes</u> M REF01	128	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem NumberReference IdentificationReference information as definedspecified by the Reference IdentiLNUM (PS-9) = Line Number	entification for Expense (AFE) Number Priority Number X AN for a particular Transaction Set fication Qualifier	1/30			
<u>Attributes</u> A REF01	128	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem NumberReference IdentificationReference information as definedspecified by the Reference IdentiLNUM (PS-9) = Line NumberTSP (PS-27) = Telecommunication	entification for Expense (AFE) Number Priority Number X AN for a particular Transaction Set fication Qualifier	1/30			
<u>Attributes</u> M REF01 REF02	128 127	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem NumberReference IdentificationReference information as definedspecified by the Reference IdentiLNUM (PS-9) = Line NumberTSP (PS-27) = TelecommunicationSAN (PS-28) = Subscriber Authority	entification for Expense (AFE) Number Priority Number X AN for a particular Transaction Set fication Qualifier ons Service Priority prization Number	<b>1/30</b> or as			
<u>Attributes</u> M REF01	128	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem NumberReference IdentificationReference information as definedspecified by the Reference IdentifLNUM (PS-9) = Line NumberTSP (PS-27) = TelecommunicationSAN (PS-28) = Subscriber AuthonDescription	entification for Expense (AFE) Number Priority Number X AN for a particular Transaction Set fication Qualifier ons Service Priority prization Number X AN	1/30 or as 1/80			
Attributes A REF01 REF02	128 127	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem NumberReference IdentificationReference information as definedspecified by the Reference IdentiLNUM (PS-9) = Line NumberTSP (PS-27) = TelecommunicationSAN (PS-28) = Subscriber AuthonDescriptionA free-form description to clarify the	entification for Expense (AFE) Number Priority Number X AN for a particular Transaction Set fication Qualifier ons Service Priority prization Number X AN	1/30 or as 1/80			
Attributes A REF01 REF02	128 127	Reference Identification QualifCode qualifying the Reference IdAEAuthorizationGPGovernment FIXItem NumberReference IdentificationReference information as definedspecified by the Reference IdentifLNUM (PS-9) = Line NumberTSP (PS-27) = TelecommunicationSAN (PS-28) = Subscriber AuthonDescription	entification for Expense (AFE) Number Priority Number X AN for a particular Transaction Set fication Qualifier ons Service Priority prization Number X AN	1/30 or as 1/80			

Μ

Segment:	DTN	Date/1	Time Reference					
Position:	2000							
Loop:	POC	Optiona	al					
Level:	Detail	•	- F					
Usage:	Optional							
Max Use:	10							
Purpose:	•		ent dates and times					
Syntax Notes:			of DTM02 DTM03 or DTM05 is required.					
		•	resent, then DTM03 is required.					
Semantic Notes:	3 If eit		05 or DTM06 is present, then the other is required.					
Comments:								
Notes:	DTM*37	6*TC PF	*TC PER{CCYYMMDD} (PS-38)					
		Data	Element Summary					
Ref.	Data		•					
Des.	Element	<u>Name</u>						
<u>Attributes</u>								
I DTM01	374	Date/Ti	me Qualifier M	ID 3/3				
		Code specifying type of date or time, or both date and time						
		376	Delivery End					
			The date that deliveries will end					
DTM02	373	Date	Х	DT 8/8				

Date expressed as CCYYMMDD

TC PER (PS-38) = Transfer of Calls Period

Segment:	N1 N	lame							
Position:	3400								
Loop:	N1 Optional								
Level:	Detail	•							
Usage:	Optional								
Max Use:	1								
Purpose:	To identify a party by type of organization, name, and code								
Syntax Notes:	1 At least one of N102 or N103 is required.								
	2 If eit	her 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*P9**41*PIC (PS-22)								
Ρ.	Data	Data Element	Summary						
Ref.	Data	Manua							
	<u>Element</u>	<u>Name</u>							
<u>Attributes</u> N101	98	Entity Identifier (	<b>Norda</b>	M ID 2/3					
	90	Entity Identifier (							
		or an individual	in organizational entity, a physical loca	ation, property					
		P9	Primary Interexchange Carrier (PIC)						

Identifies the carrier who will handle the

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

X ID 1/2

X AN 2/80

interexchange calls

being billed

PIC (PS-22) = InterLATA Presubscription Indicator Code

Code identifying a party or other code

Code designating the system/method of code structure used for

**Identification Code Qualifier** 

Identification Code (67)

**Identification Code** 

41

Μ

N103

N104

66

67

Segment:	N1 Name
Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*8V**41*LPIC (PS-23)

Ref.	Data			
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organiz or an individual	zational entity, a physical location	, property
		8V Primary Carrier	Intra-LATA (Local Access Trans	port Area)
N103	66	Identification Code Quali	fier X	ID 1/2
		Identification Code (67)	em/method of code structure used	
		Identifie being bi	es the Interexchange carrier for the	e charges
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or	other code	
		LPIC (PS-23) = IntraLATA	Presubscription Indicator Code	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	<ul> <li>4600</li> <li>SLN</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To speci</li> <li>1 If eit</li> <li>2 If SL</li> <li>3 If SL</li> <li>4 If eit</li> <li>5 If eit</li> <li>6 If eit</li> <li>7 If eit</li> <li>8 If eit</li> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> <li>12 If eit</li> <li>13 If eit</li> <li>14 SLN</li> <li>15 SLN</li> <li>15 SLN</li> <li>16 SLN</li> <li>16 SLN</li> <li>16 SLN</li> <li>16 SLN</li> <li>17 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>18 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>10 SLN</li> <li>11 SLN</li> <li>11 SLN</li> <li>12 SLN</li> <li>13 SLN</li> <li>14 SLN</li> <li>14 SLN</li> </ul>	Subline Item Detail Optional fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required her SLN11 or SLN12 is present, then the other is required her SLN13 or SLN14 is present, then the other is required her SLN15 or SLN16 is present, then the other is required her SLN19 or SLN18 is present, then the other is required her SLN19 or SLN20 is present, then the other is required her SLN19 or SLN20 is present, then the other is required her SLN21 or SLN28 is present, then the other is required her SLN29 or SLN28 is present, then the other is required her SLN27 or SLN28 is present is the isolate item. 03 is the configuration code indicating the relatio	d. d. d. d. d. d. d. d. d. d. d. the ount	
	item to re 3 SLN for e	number. Example: 1.1 or 1A might be used as a subline elate to baseline number 1. 09 through SLN28 provide for ten different product/servic each item. For example: Case, Color, Drawing No., U.P.C No., Model No., or SKU.	numl e IDs	ber S
Notes:	SLN*TC	PRI*n*A*1*EA		
	Data <u>Element</u>	Data Element Summary <u>Name</u>		
<u>Attributes</u> A SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation wit transaction set "TCPRI"	<b>M</b> hin a	AN 1/
SLN02	350	Assigned Identification	0	AN 1/

	Des.	<u>Element</u>	<u>Name</u>			
м	Attributes	250	Assigned Identification	54	A NI 4/00	`
IVI	SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation with	M ain a	AN 1/20	,
			transaction set	III a	l	
			"TCPRI"			
	SLN02	350	Assigned Identification	0	AN 1/20	)
			Alphanumeric characters assigned for differentiation with transaction set	nin a	l	
			"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			
Updated: A	April.12, 2002		est Communications International, Inc. DI Disclosure Document – Version 9.0			218

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	<b>8</b> If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO PRI (PS-34)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			TC Transfer Announcement Number		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (PS-34) = Transfer of Calls to Primary Num	ber	

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Segment:	N1 Name
Position:	5360
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (PS-34b)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physical or an individual TT Transfer To	al location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (PS-34b) = Transfer of Calls to Name		

Segment: Position: Loop:	<b>REF</b> Reference Identification 5700 N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	<b>1</b> REF04 contains data relating to the value cited in REF02.
Notes:	REF*55*TCID (PS-34a)*PRI
	Data Element Summary
Ref.	Data
Des.	Element Name

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (PS-34a) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

Attributes

REF01

REF02

REF03

128

127

352

55

Description

content "PRI" Μ

Х

ID 2/3

X AN 1/30

AN 1/80

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	4600 SLN Detail Optional 1 To speci 1 If eitl 2 If SL 3 If SL 4 If eitl 5 If eitl 6 If eitl 7 If eitl 8 If eitl 10 If eitl 11 If eitl 12 If eitl 13 If eitl 13 If eitl 13 SLN 2 SLN 4 SLN 5 SLN	Subline Item Detail         Optional         fy product subline detail item data         her SLN04 or SLN05 is present, then the other is required.         N07 is present, then SLN06 is required.         N08 is present, then SLN06 is required.         her SLN09 or SLN10 is present, then the other is required.         her SLN13 or SLN12 is present, then the other is required.         her SLN13 or SLN14 is present, then the other is required.         her SLN15 or SLN18 is present, then the other is required.         her SLN20 is present, then the other is required.         her SLN21 or SLN22 is present, then the other is required.         her SLN23 or SLN24 is present, then the other is required.         her SLN25 or SLN26 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         01 is the identifying number for the subline level. The subline         02 is the configuration code indicating the relationship of the         03 is a code indicating the relationship of the price or amount to         03 is a code indicating the relationship of the price or amount to         04 is related to (but not necessarily equivalent to) the baseline         04 is related to (but not necessarily equivalent to) the baseline
Notes:		I No., Model No., or SKU. SEC*n*A*1*EA [SLN Loop may repeat]
Ref. <u>Des.</u> <u>Attributes</u> SLN01	Data <u>Element</u> 350	Assigned Identification M AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set
SLN02	350	"TCSEC"       O       AN 1/20

		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
SLN01	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation with	iin a	
		transaction set		
		"TCSEC"		
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	in a	
		"n" = nth assigned ID within SLN Loop		
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		

Updated: April.12, 2002

Μ

Μ

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

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO SEC (PS-35)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
14	Attributes	550	Ageney Qualifier Code		ID 2/2
М	SI01	559	Agency Qualifier Code	М	
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	9
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (PS-35) = Transfer of Calls to Secondary N	umb	er

Segment:	N1 Name
Position:	5360
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	<ul><li>2 N105 and N106 further define the type of entity in N101.</li></ul>
Notes:	N1*TT*TC NAME (PS-37)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physical or an individual TT Transfer To	al location,	property
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (PS-37) = Transfer of Calls to Name		

Segment: Position: Loop: Level: Usage: Max Use:	<b>REF</b> Reference Identification 5700 N1 Optional Detail Optional 12		
Purpose:	To specify identifying information		
Syntax Notes: Semantic Notes: Comments:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>		
Notes:	REF*55*TCID (PS-36)*SEC		
Ρ.	Data Element Summary		
Ref.	Data		
Des.	Element Name		

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (PS-36) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

Attributes

REF01

REF02

REF03

128

127

352

55

Description

content "SEC"

Updated: April.12, 2002	Qw

ID 2/3

X AN 1/30

X AN 1/80

Segment: Position:	4600	Subline Item Detail		
Loop: Level: Usage: Max Use:	SLN Detail Optional 1	Optional		
Purpose: Syntax Notes:	To specif <b>1</b> If eith <b>2</b> If SL <b>3</b> If SL <b>4</b> If eith <b>5</b> If eith <b>6</b> If eith <b>7</b> If eith <b>8</b> If eith <b>9</b> If eith <b>10</b> If eith	fy product subline detail item data ner SLN04 or SLN05 is present, then the other is required N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. ner SLN09 or SLN10 is present, then the other is required ner SLN11 or SLN12 is present, then the other is required ner SLN13 or SLN14 is present, then the other is required ner SLN15 or SLN16 is present, then the other is required ner SLN17 or SLN18 is present, then the other is required ner SLN19 or SLN20 is present, then the other is required ner SLN19 or SLN20 is present, then the other is required ner SLN21 or SLN22 is present, then the other is required ner SLN23 or SLN24 is present, then the other is required	1. 1. 1. 1. 1. 1. 1.	
Semantic Notes:	<ul> <li>13 If eith</li> <li>1 SLN0</li> <li>2 SLN0</li> <li>level</li> <li>3 SLN0</li> </ul>	her SLN25 or SLN26 is present, then the other is required her SLN27 or SLN28 is present, then the other is required of 1 is the identifying number for the subline item. O2 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials. O3 is the configuration code indicating the relationship of	d. oline	
Comments:	<ul> <li>4 SLN0 the a</li> <li>1 See</li> <li>2 SLN0 item to rel</li> </ul>	ne item to the baseline item. D8 is a code indicating the relationship of the price or am associated segment. The Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the bas number. Example: 1.1 or 1A might be used as a subline late to baseline number 1.	seline numl	e ber
	for e	09 through SLN28 provide for ten different product/servic ach item. For example: Case, Color, Drawing No., U.P.C I No., Model No., or SKU.		
Notes:		n*A*1*EA		
Ref. Des.	Data <u>Element</u>	Data Element Summary		
<u>Attributes</u>		Nume		
M SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation with transaction set "BL"	<b>M</b> hin a	AN 1/20
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation with transaction set	<b>O</b> hin a	AN 1/20
A SLN03	662	"n" = nth assigned ID within SLN Loop Relationship Code	м	ID 1/1
" JLNUJ	002	Code indicating the relationship between entities A Add	IVI	ו <i>ו</i> ו טו
SLN04	380	Quantity	X	R 1/15

Μ

М

Numeric value of quantity

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	<b>8</b> If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*BB*BA (PS-52)*TB*BLOCK (PS-53)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			BB Blocking Activity		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			BA (PS-52) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
		Code from an industry code list qualifying the type of se characteristics	rvice		
			TB Blocking/Billing Exception		
	SI05	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			BLOCK (PS-53) = Block		

\_ .

<b>.</b> .		Subline Item Detail
Segment:		Subline Item Detail
Position:	4600	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:		fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
		.N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
		her SLN11 or SLN12 is present, then the other is required.
		her SLN13 or SLN14 is present, then the other is required.
		her SLN15 or SLN16 is present, then the other is required.
		her SLN17 or SLN18 is present, then the other is required.
		her SLN19 or SLN20 is present, then the other is required.
		her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
O		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		I is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
Comments:		associated segment. the Data Element Dictionary for a complete list of IDs.
comments:		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
		each item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:		*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]
	02.11.171	
		Data Element Summary
Ref.	Data	
Des.	Element	Name
<u>Attributes</u>		
I SLN01	350	Assigned Identification M AN
		Alphanumeric characters assigned for differentiation within a
		transaction set

			Alphanumeric characters assigned for differentiation	on within a	а
			transaction set "FA"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation transaction set	on within a	а
			"n" = nth assigned ID within SLN Loop		
Μ	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		

Μ

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<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*FA (PS-58)*SC*FEATURE (PS-59)
	SI*TI*FD*FEATURE DETAIL (PS-60) [SI Segment may repeat]

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	ristics Qualifier	Μ	AN 2/2
			Code from an indu characteristics FD	stry code list qualifying the type of ser Feature Data	vice	
			SA	Service Activity		
М	SI03	234	Product/Service I	D	Μ	AN 1/48
			Identifying number	for a product or service		
			CF = (DWS: C- CT = (DWS: T-C	dd)		
	SI04	1000	Service Characte		x	AN 2/2
	0.04			stry code list qualifying the type of ser Service Category		
	SI05	234	Product/Service I	D	Χ	AN 1/48
			Identifying number	for a product or service		
			FEATURE (PS-59)	= Feature Codes		

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

	Ref.	Data	Data Element S	Summary		
	<u>Des.</u> Attributes	Element	<u>Name</u>			
	POC01	350	Assigned Identifi	cation	0	AN 1/20
			transaction set	racters assigned for differentiation with	nin a	I
М	POC02	670	Change or Respo	onse Type Code	М	ID 2/2
			Code specifying th	e type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the correspondence the original purchase order with the v contained in the Purchase Order Char Transaction Set	alue	S
	POC08	235	Product/Service	ID Qualifier	Χ	ID 2/2
			Code identifying th Product/Service ID ZZ	ne type/source of the descriptive numb 0 (234) Mutually Defined	er u	sed in
	POC09	234	Product/Service	D	Χ	AN 1/48
			Identifying number	for a product or service		
			"HG"			

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*HA (LSR-112)
	SI*TI*SG*HID (LSR-113)
	SI*TI*SF*HNTYP (LSR-116)

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	ne agency assigning the code values		
			ТΙ	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an indu	ustry code list qualifying the type of se	rvice	1
			characteristics			
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
Μ	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying numbe	r for a product or service		
			HA (LSR-112) = H	lunt Group Activity		
			A = (DWS: N-N)	ew)		
			C = (DWS: C-C)	hange)		
			D = (DWS: D-R	,		
			V = (DWS: V-C	onversion as specified)		
				lunt Oraun Identifier		
			(LSR-113) = 1	Hunt Group Identifier		
			HNTYP (LSR-116	) = Hunting Type Code		
			•	S: 5-Regular/Series)		
			HTY004 = (DWS			

	DEE	•	
Segment:	REF	Reference Identification	
Position:	1000		
Loop:	POC	Optional	
Level:	Detail		
Usage: Max Use:	Optional >1		
Purpose:		ify identifying information	
Syntax Notes:		east one of REF02 or REF03 is required.	
•		her C04003 or C04004 is present, then the other is required.	
	3 If eit	her C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.	
Comments:			
Notes:		LOCNUM (LSR-109)*LOCNUM	
		HNUM (LSR-110)*HNUM	
		Data Element Summary	
Def	<b>D</b>		
Ref.	Data		
Ref. Des.	Data <u>Element</u>	Name	
<u>Des.</u> <u>Attributes</u>	<u>Element</u>		
<u>Des.</u> <u>Attributes</u>		Reference Identification Qualifier M	ID 2/3
<u>Des.</u> <u>Attributes</u>	<u>Element</u>		ID 2/3
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Reference Identification Qualifier M	ID 2/3
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Reference Identification QualifierMCode qualifying the Reference Identification	ID 2/3 AN 1/30
<u>Des.</u> <u>Attributes</u> M REF01	Element 128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference information as defined for a particular Transaction	AN 1/30
<u>Des.</u> <u>Attributes</u> M REF01	Element 128	Reference Identification QualifierMCode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationXReference information as defined for a particular Transactionspecified by the Reference Identification Qualifier	AN 1/30
<u>Des.</u> <u>Attributes</u> M REF01	Element 128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier       ICONUM (LSR-109) = Location Number	AN 1/30
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier       IOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number       HUUM (LSR-110) = Hunt Number	<b>AN 1/30</b> In Set or as
<u>Des.</u> <u>Attributes</u> M REF01	Element 128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier       X         LOCNUM (LSR-109) = Location Number       HNUM (LSR-110) = Hunt Number         Description       X	AN 1/30 In Set or as AN 1/80
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference Identification       X         Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier         LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number         Description       X         A free-form description to clarify the related data elements at the set of the related data elements at the set of the	AN 1/30 In Set or as AN 1/80
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification QualifierMCode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationXReference IdentificationXReference information as defined for a particular Transaction specified by the Reference Identification QualifierLOCNUM (LSR-109) = Location NumberHNUM (LSR-110) = Hunt NumberDescriptionXA free-form description to clarify the related data elements a content	AN 1/30 In Set or as AN 1/80
<u>Des.</u> <u>Attributes</u> M REF01 REF02	<u>Element</u> 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference Identification       X         Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier         LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number         Description       X         A free-form description to clarify the related data elements at the set of the related data elements at the set of the	AN 1/30 In Set or as AN 1/80

Updated: April.12, 2002

Segment:	SLN	Subline Item Detail					
Position:							
Loop:	4600 SLN	Optional					
Level:	Detail	SLN Optional					
Usage:	Optional						
Max Use:	1						
Purpose:	To speci	fy product subline detail item data					
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required	ł.				
•		N07 is present, then SLN06 is required.					
	3 If SL	N08 is present, then SLN06 is required.					
		her SLN09 or SLN10 is present, then the other is required					
		her SLN11 or SLN12 is present, then the other is required					
		her SLN13 or SLN14 is present, then the other is required					
		her SLN15 or SLN16 is present, then the other is required					
		her SLN17 or SLN18 is present, then the other is required					
		her SLN19 or SLN20 is present, then the other is required her SLN21 or SLN22 is present, then the other is required					
		her SLN23 or SLN24 is present, then the other is required					
		her SLN25 or SLN26 is present, then the other is required					
		her SLN27 or SLN28 is present, then the other is required					
Semantic Notes:		01 is the identifying number for the subline item.					
	2 SLN	02 is the identifying number for the subline level. The sub	line				
		is analogous to the level code used in a bill of materials.					
		03 is the configuration code indicating the relationship of	the				
		ne item to the baseline item.					
		08 is a code indicating the relationship of the price or am	ount	to			
Commonto		associated segment.					
Comments:		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the bas	olinc				
		number. Example: 1.1 or 1A might be used as a subline					
		late to baseline number 1.	- TOTTIC	501			
		09 through SLN28 provide for ten different product/service	e IDs	;			
		ach item. For example: Case, Color, Drawing No., U.P.C					
		No., Model No., or SKU.					
Notes:	SLN*HN	T*n*A*1*EA					
D. (	<b>D</b>	Data Element Summary					
Ref.	Data	Nama					
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name					
I SLN01	350	Assigned Identification	м	AN 1/20			
	000	Alphanumeric characters assigned for differentiation with		/			
		transaction set	ma				
		"HNT"					
SLN02	350	Assigned Identification	0	AN 1/20			
OLIVE	000	-	-	/			
		Alphanumeric characters assigned for differentiation with transaction set	md				
		"n" = nth assigned ID within SLN Loop					
I SLN03	662	Relationship Code	м	ID 1/1			
I GLINUJ	002	-	141				
		Code indicating the relationship between entities					

м

М

SLN04

Numeric value of quantity

Add

А

Quantity

380

X R 1/15

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

Segment:	N9 Reference Identification
Position:	5230
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*55*HTSEQ

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N901	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier "HTSEQ"	ransaction	Set or as

Segment:	MTX Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before</li> </ol>	print",
	then MTX05 is required.	
Notes:	MTX**HTSEQ (LSR-118)	
	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 HTSEQ (LSR-118) = Hunting Sequence

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

			Data Element	Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Identi	ification	0	AN 1/20
			transaction set	naracters assigned for differentiation wit	hin a	3
			"n" = nth assigne	ed ID within POC Loop		
М	POC02	670	Change or Resp	oonse Type Code	М	ID 2/2
			Code specifying	the type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the corresp the original purchase order with the contained in the Purchase Order Cha Transaction Set	value	es
	POC08	235	Product/Service	e ID Qualifier	Х	ID 2/2
			Code identifying Product/Service ZZ	the type/source of the descriptive numl ID (234) Mutually Defined	oer u	sed in
	POC09	234	Product/Service	e ID	Х	AN 1/48
			Identifying numb	er for a product or service		
			"ML"			

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> </ol>
	<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.
	<b>8</b> 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 <sup>*</sup> SA*HA (LSR-112) SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116) SI*TI*TQ*TLI (LSR-115)

			Data Element 3	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			characteristics	ustry code list qualifying the type of se	rvice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
Μ	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying number	r for a product or service		
			A=(DWS: N-Ne C=(DWS: C-Ch D=(DWS: D-Re V=(DWS: V-Co HNTYP (LSR-116 HTY003 = (DWS HTY004 = (DWS HID (LSR-113) = H	ange) move) nversion as specified) ) = Hunting Type Code S: 5-Regular/Series)		

	псг			
Segment:	KEL	Reference Identification		
Position:	1000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1	fu identifuing information		
Purpose: Syntax Notes:		fy identifying information east one of REF02 or REF03 is required.		
Oymax Notes.		her C04003 or C04004 is present, then the other is require	ed.	
		her C04005 or C04006 is present, then the other is require		
Semantic Notes:		04 contains data relating to the value cited in REF02.		
Comments:		-		
Notes:		LOCNUM (LSR-109)*LOCNUM		
	REF*IX*	HNUM (LSR-110)*HNUM		
		Data Element Summany		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes		<u></u>		
	128	Reference Identification Qualifier	М	ID 2/3
	128	Reference Identification Qualifier         I           Code qualifying the Reference Identification         I	м	ID 2/3
	128		М	ID 2/3
N REF01		Code qualifying the Reference Identification IX Item Number	м х	
	128 127	Code qualifying the Reference IdentificationIXItem NumberReference Identification	x	AN 1/30
N REF01		Code qualifying the Reference Identification         IX       Item Number         Reference Identification       X         Reference information as defined for a particular Transact	x	AN 1/30
N REF01		Code qualifying the Reference IdentificationIXItem NumberReference Identification	x	AN 1/30
N REF01		Code qualifying the Reference Identification         IX       Item Number         Reference Identification       X         Reference information as defined for a particular Transact specified by the Reference Identification Qualifier       X	x	AN 1/30
N REF01		Code qualifying the Reference Identification         IX       Item Number         Reference Identification       X         Reference information as defined for a particular Transact         specified by the Reference Identification Qualifier         LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number	x	AN 1/30
REF01	127	Code qualifying the Reference Identification         IX       Item Number         Reference Identification       X         Reference information as defined for a particular Transact         specified by the Reference Identification Qualifier         LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number	<b>X</b> tion	AN 1/30 Set or as AN 1/80
REF01	127	Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         Reference Identification Qualifier       IX         LOCNUM (LSR-109) = Location Number       IX         HNUM (LSR-110) = Hunt Number       IX         Description       IX         A free-form description to clarify the related data elements content	<b>X</b> tion	AN 1/30 Set or as AN 1/80
A REF01 REF02	127	Code qualifying the Reference Identification          IX       Item Number         Reference Identification       Item Number         Reference Identification       Item Number         Reference Identification       Item Number         LOCNUM (LSR-109) = Location Number       Item NUM (LSR-110) = Hunt Number         Description       Item Number         A free-form description to clarify the related data elements         "LOCNUM"	<b>X</b> tion	AN 1/30 Set or as AN 1/80
REF01	127	Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       IX         Reference Identification Qualifier       IX         LOCNUM (LSR-109) = Location Number       IX         HNUM (LSR-110) = Hunt Number       IX         Description       IX         A free-form description to clarify the related data elements content	<b>X</b> tion	AN 1/30 Set or as AN 1/80

Updated: April.12, 2002

	Segment:	SLN	Subline Item Detail		
	•				
	Position:	4600 SLN	Ontional		
	Loop: Level:	SLN Detail	Optional		
		Detail			
	Usage: Max Use:	Optional 1			
	Purpose:	•	fy product subline detail item data		
S	intax Notes:		her SLN04 or SLN05 is present, then the other is require	d	
59	max notes.		NO7 is present, then SLN06 is required.	;u.	
			N08 is present, then SLN06 is required.		
			her SLN09 or SLN10 is present, then the other is require	h	
			her SLN11 or SLN12 is present, then the other is require		
			her SLN13 or SLN14 is present, then the other is require		
			her SLN15 or SLN16 is present, then the other is require		
			her SLN17 or SLN18 is present, then the other is require		
			her SLN19 or SLN20 is present, then the other is require		
			her SLN21 or SLN22 is present, then the other is require		
			her SLN23 or SLN24 is present, then the other is require		
		12 If eit	her SLN25 or SLN26 is present, then the other is require	ed.	
		13 If eit	her SLN27 or SLN28 is present, then the other is require	ed.	
Sema	antic Notes:		01 is the identifying number for the subline item.		
			02 is the identifying number for the subline level. The su		
			is analogous to the level code used in a bill of materials		
			03 is the configuration code indicating the relationship of	the	
			ine item to the baseline item.		
			08 is a code indicating the relationship of the price or an	nount	to
	0		associated segment.		
	Comments:		the Data Element Dictionary for a complete list of IDs.		_
			01 is related to (but not necessarily equivalent to) the ba number. Example: 1.1 or 1A might be used as a subline		
			late to baseline number 1.	nunn	
			09 through SLN28 provide for ten different product/servi		2
			ach item. For example: Case, Color, Drawing No., U.P.(		
			No., Model No., or SKU.		,
	Notes:		INT*n*A*1*EA		
		-			
			Data Element Summary		
	Ref.	Data			
	Des.	Element	Name		
	<u>Attributes</u>				
1	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation wi	thin a	i
			transaction set		
			"MHNT"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation wi	thin a	
			transaction set	anna	
			"n" = nth assigned ID within SLN Loop		
n	SLN03	662	Relationship Code	М	ID 1/1
•	JEI105	002	-		
			Code indicating the relationship between entities		
			A Add		

Updated: April.12, 2002

SLN04

380

Quantity

Μ

М

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Numeric value of quantity

X R 1/15

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

Segment:	N9 Reference Identification
Position:	5230
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*55*HTSEQ

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N901	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular T specified by the Reference Identification Qualifier "HTSEQ"	ransaction	Set or as

Segment:	MTX Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	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	eprint",
	then MTX05 is required.	
Notes:	MTX**HTSEQ (LSR-118)	
	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 HTSEQ (LSR-118) = Hunting Sequence

Segment:	<b>POC</b> Line Item Change - DL Form (Delivery Address Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> </ol>
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*DA [POC Loop repeats DDQTY (DL-23) times]

	D-f	Data	Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Identif	ication	0	AN 1/20
			transaction set	racters assigned for differentiation with	hin a	1
			"n" = nth assigned	ID within POC Loop		
Μ	POC02	670	Change or Resp	onse Type Code	Μ	ID 2/2
			Code specifying the	ne type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the correspondence the original purchase order with the v contained in the Purchase Order Char Transaction Set	alue	s
	POC08	235	<b>Product/Service</b>	ID Qualifier	Х	ID 2/2
			Code identifying t Product/Service II ZZ	he type/source of the descriptive numb D (234) Mutually Defined	er u	sed in
	POC09	234	<b>Product/Service</b>	ID	Χ	AN 1/48
			Identifying numbe	r for a product or service		
			"DA"			

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

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

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

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
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 Direct	tories for Annual Deliv	very
	QTY03	C001	Composite Unit of Measure	0	
		To identify a composite unit of measure (See Figures Appendix fo examples of use)			
М	C00101	355	Unit or Basis for Measurement Code	e M	ID 2/2
			Code specifying the units in which a va manner in which a measurement has b DY Directory Books	<b>U</b> 1	d, or
			Number of director	y books delivered to co	ustomer

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

	Ref.	Data		-		
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	QTY01	673	Quantity Qualifie	r	Μ	ID 2/2
			Code specifying th	ne type of quantity		
			38	Original Quantity		
	QTY02	380	Quantity		Χ	R 1/15
			Numeric value of	quantity		
			<b>DIRQTYNC (DL-1</b>	04) = Number of Directories Delivered	l on	New
			Connect			
	QTY03	C001	Composite Unit of	of Measure	0	
			To identify a comp examples of use)	oosite unit of measure (See Figures A	pper	ndix for
Μ	C00101	355	Unit or Basis for	Measurement Code	Μ	ID 2/2
				ne units in which a value is being expre n measurement has been taken Directory Books		
				Number of directory books delivered		usiomer

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

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

Segment:	N4 a	Beographic Location						
Position:	3700	3700						
Loop:	N1	N1 Optional						
Level:	Detail							
Usage:	Optional							
Max Use:	1							
Purpose:	To speci	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.						
		N407 is present, then N404 is required.						
Semantic Notes:								
Comments:	1 A co	mbination of either N401 through N404, or N405 and N406	may					
	be a	dequate to specify a location.						
	2 N40	2 is required only if city name (N401) is in the U.S. or Cana	da.					
Notes:	N4**STA	TE (DL-99)*ZIP (DL-100)						
		Data Element Summary						
Ref.	Data	,						
Des.	Element	Name						
Attributes								
N402	156	State or Province Code	ID 2/2					
		Code (Standard State/Province) as defined by appropriate	aovernment					
		agency	3					
		STATE (DL-99) = State/Province						
N403	116	Postal Code C	D ID 3/15					
	-							

116	Postal Code O IL	J 3/15	
	Code defining international postal zone code excluding punctua	ation and	
	blanks (zip code for United States)		
	ZIP (DL-100) = ZIP/Postal Code		

#### NX2 Location ID Component Segment: Position: 3750 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2\*01\*DDANO (DL-85) NX2\*02\*DDASN (DL-88) NX2\*03\*DDASD (DL-87) NX2\*07\*CITY (DL-98)

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)

				Summary		
	Ref.	Data				
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
м	NX201	1106	Address Compo	nent Qualifier	м	ID 2/2
			•	he type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Informa	tion	М	AN 1/55
			Address informati	on		
			DDANO (DL-85) =	= Delivery Address Number		
			DDASN (DL-88) =	Delivery Address Street Name		
			. ,	<ul> <li>Delivery Address Street Directional F</li> </ul>	refix	
			CITY (DL-98) = C			
				= Delivery Address Location		
				Delivery Address Street Directional S	uffix	
				Delivery Address Number Prefix		
			· · /	Delivery Address Number Suffix Delivery Address Street Type		
			<i>DD</i> ,(111( <i>D</i> E 00)) =			

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

			Data Element Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
	POC01	350	Assigned Identification	ο	AN 1/20
			Alphanumeric characters assigned for differentiatio transaction set	n within a	a
	DOOM	070	"n" = nth assigned ID within POC Loop		
Μ	POC02	670	Change or Response Type Code	М	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the cor the original purchase order with contained in the Purchase Orde Transaction Set	the value	es
	POC08	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 u	ised in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"DL"		
	POC10	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive Product/Service ID (234) SH Service Requested		
			A numeric or alphanumeric code services available to the custom		ist of
	POC11	234	Product/Service ID	X	AN 1/48

Identifying number for a product or service RTY (DL-12) = Record Type

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes: Semantic Notes: Comments: Notes:	0180 POC 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	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 her SI14 or SI15 is her SI16 or SI17 is her SI20 or SI21 is defines the source ifiers. *LACT (DL-10) *LTY (DL-13) V*STYC (DL-15) R*TOA (DL-16)		5	
			G*DOI (DL-17) N*DIRNAME (DL-34	4)		
		SI*TI*BC	)*BRO (DL-28)	+)		
	Ref.	_	ement Summary			
	Des.	Data <u>Element</u>	Name			
	Attributes					
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			0 7			
				ne agency assigning the code values		
м	SI02	1000	Code identifying the	ne agency assigning the code values Telecommunications Industry	м	AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an indu	ne agency assigning the code values Telecommunications Industry		AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics	ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se	rvice	AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics BO	ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Business/Residence Placement Over	rvice	AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics BO BR	ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account	rvice	AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics BO BR DG	ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account Degree of Indent	rvice	AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics BO BR	Telecommunications Industry <b>Pristics Qualifier</b> Ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name	rvice	AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an induction characteristics BO BR DG DN	ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator	rvice	AN 2/2
М	SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics BO BR DG DN LB	Telecommunications Industry <b>Pristics Qualifier</b> Ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name	rvice	AN 2/2
м	SI02 SI03	234	Code identifying th TI Service Characte Code from an induction characteristics BO BR DG DN LB LE	Telecommunications Industry <b>Pristics Qualifier</b> Ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	rvice	AN 2/2 AN 1/48
			Code identifying th TI Service Character Code from an induction characteristics BO BR DG DN LB LE TW Product/Service	Telecommunications Industry <b>Pristics Qualifier</b> Ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	rride	
			Code identifying th TI Service Character Code from an induction characteristics BO BR DG DN LB LE TW Product/Service Identifying numbe LACT (DL-10) = L LTY (DL-13) = Lis STYC (DL-15) = S TOA (DL-16) = Ty DOI (DL-17) = De DIRNAME (DL-34	Telecommunications Industry <b>Pristics Qualifier</b> Ustry code list qualifying the type of se Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code <b>ID</b> r for a product or service Listing Activity Indicator Style Code <b>ID</b> r for a product or service Listing Type Style Code pe of Account	m rride M	

Segment:	PID	Product/Item De	scription			
Position:	0500					
Loop:	PID	Optional				
Level: Usage:	Detail Optional					
Max Use:	1					
Purpose:			rocess in coded or free-form format			
Syntax Notes:			en PID03 is required. or PID05 is required.			
			en PID03 is required.			
	4 If PI	D08 is present, the	en PID04 is required.			
Osmantis Natas		•	en PID05 is required.			
Semantic Notes:		g referred to.	the organization that publishes the coo	je lis	st	
		•	for industry-specific product description	on		
	code					
			hysical characteristics of the product in the term of the specified attribute applies the specified attribute attribute applies the specified attribute attribut			
			it does not apply. Any other value is	.0	5	
	inde	terminate.				
Comments:			ify the language being used in PID05. en PID05 is used. If PID01 equals "S"	thor		
comments.		PID04 is used. If PID01 equals "X", then both PID04 and PID05 are				
	used	ł.				
			essary to refer to the product surface o	r laye	er	
		g described in the	dividual code list of the agency specifie	ed in		
	PID	)3.				
Notes:		TI*AR***SO-RSQ*				
		TI*AS***SO-RSQ* TI*AT***SO-RSQ*/	· · · · ·			
		TI*AW***SO-RSQ				
		TI*AX***SO-RSQ*				
		TI*AY***SO-RSQ* TI*BA***SO-RSQ*				
		Data Element				
Ref.	Data	Data Element	Cuminary			
Des.	Element	<u>Name</u>				
M PID01	349	Item Description	Туре	м	ID 1/1	
	545	-	he format of a description			
		S	Structured (From Industry Code List	t)		
PID03	559	Agency Qualifie	· ·	́х	ID 2/2	
		Code identifying	the agency assigning the code values			
		TI	Telecommunications Industry			
PID04	751	Product Descrip	otion Code	Х	AN 1/12	
			ndustry code list which provides specif	ic da	ta about a	
		product characte AR	Omit Telephone Number			
		AS	Listed Name Placement			
		AT	Address Indicator			
		AW	Direct Mail List			
Updated: April.12, 2002		est Communications			25	

		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	822	Source Subqual	ifier	0	AN 1/15
		A reference that i Qualifier SO-RSQ	ndicates the table or text maintained by Service Order - Reseller Questions li		Source
PID08	1073		n or Response Code	0	ID 1/1
			Yes or No condition or response	-	
		OMTN (DL-41) = Y = (DWS: O-0	Omit TN		
		Y = (DWS: L-L	.etter Name Placement etter Placement) ulated = (DWS: Blank-Default to Word	l Pla	cement)
			dress Indicator Dmit in DA and directory) ulated = (DWS: Blank-Do not omit)		
		DML (DL-25) = D Y = (DWS: O-0 Blank, Not Pop			
		,	Telemarketing Dmit from Telemarketing) ulated = (DWS: Blank-Do Not Omit)		
		· · · ·	Professional Identifier No Solicitation Indicator		

Segment:	<b>REF</b> Reference Identification
Position:	1000
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	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*LI*ALI (DL-11)
	Data Element Summary
Ref	Data

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

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

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

Segment:	MTX Text	
Position:	3260	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before</li> </ol>	e print",
	then MTX05 is required.	
Notes:	MTX**PLA (DL-55)	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	
<u>Attributes</u>		
MTX02	1551 Message Text	X AN 1/4096

To transmit large volumes of message text
PLA (DL-55) = Place Listing As

N9 Reference Identification
3200
N9 Optional
Detail
Optional
1
To transmit identifying information as specified by the Reference Identification Qualifier
<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
-
N9*82*LTXTY*LTXTY (DL-57)
Data Element Summary
Data Element Name

	Attributes		<u></u>			
	N901	128	Reference Identification Qualifier			D 2/3
			Code qualifying the Reference Identification			
			82 Data Item	Description (DID) Reference		
			a contract	ata elements that the governi or to provide and are spelled equirement documents		
	N902	127	Reference Identification	×		AN 1/30
			Reference information as def specified by the Reference lo	ined for a particular Transacti dentification Qualifier	on S	Set or as
			"LTXTY"			
	N903	369	Free-form Description	X		AN 1/45
			Free-form descriptive text			
			LTXTY (DL-57) = Listing Tex	t Type		

Segment:	MTX Text		
Position:	3260		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<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 before</li> </ol>	; prii	nt",
	then MTX05 is required.		
Notes:	MTX**LTEXT (DL-59)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text LTEXT (DL-59) = Line of Text

Segme	ent: <b>N9</b> F	Reference Identification			
Positi	on: 3200				
		Optional			
	<b>/el:</b> Detail				
Usa					
Max U					
Purpo	se: To trans	mit identifying information as specified by the Reference ation Qualifier			
Syntax Not	es: 1 At le	east one of N902 or N903 is required.			
		906 is present, then N905 is required.			
		ther C04003 or C04004 is present, then the other is require	əd		
		ther C04005 or C04006 is present, then the other is require			
Semantic Not		6 reflects the time zone which the time reflects.	<i>.</i>		
Semantic Not		7 contains data relating to the value cited in N902.			
Commen					
Note	es: N9*H7*(	JRI DL			
		Data Element Summary			
Ref	f. Data				
Des	_	<u>Name</u>			
<u>Attrib</u>	<u>utes</u>				
1 N90	01 128	Reference Identification Qualifier	М	ID 2/3	

Code qualifying the Reference Identification

Standard Clause

Order Instructions

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

H7

ORI

"DL"

**Reference Identification** 

**Free-form Description** 

Free-form descriptive text

127

369

Μ

>>

N902

N903

X AN 1/30

X AN 1/45

Segment:	MTX	Text		
Position:	3260			
Loop:		Optional		
Level:	Detail	optional		
Usage:	Optional			
Max Use:	>1	• · · · · · · · · · · · · · · · · · · ·		
Purpose:	•	fy textual data		
Syntax Notes:		ΓX01 is present, then MTX02 is required.		
	2 If M	TX03 is present, then MTX02 is required.		
	3 If M	TX05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX	05 is the number of lines to advance before printing.		
Comments:	1 If M	TX04 is "AA - Advance the specific number of lines befor	e prir	nt".
		MTX05 is required.	•	
Notes:		EMARKS (DL-113)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes	<u></u>	<u></u>		
MTX02	1551	Magaga Taxt	х	AN 1/4096
	1551	Message Text	^	AN 1/4090
		To transmit large volumes of message text		

REMARKS (DL-113) = Remarks

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

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

# IN2 Individual Name Structure Components

Segment:	IN2 Individual Name Structure Components
Position:	3550
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To sequence individual name components for maximum specificity
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	IN2*05*LNLN (DL-45)
	IN2*02*LNFN (DL-46)*LNFN(DL-46)

IN2\*21\*DES (DL-47) IN2\*10\*TL (DL-48)\*TL IN2\*01\*TITLE1 (DL-49)\*TITLE1 IN2\*18\*NICK (DL-54) IN2\*12\*DESD (DL-50a)\*DESD IN2\*10\*TLD (DL-51)\*TLD IN2\*01\*TITLE1D (DL-52)\*TITLE1D

	Ref. Des.	Data <u>Element</u>	Name	Summary		
	Attributes		INAILLE			
М	IN201	1104	Name Componer	nt Qualifier	М	ID 2/2
			Code identifying the	ne type of name component		
			01	Prefix		
			02	First Name		
			05	Last Name		
			10	Generation		
			12	Combined (Unstructured) Name		
			18	Preferred First Name or Nickname		
			21	Professional Title		
М	IN202	93	Name		М	AN 1/60
			Free-form name			
			TLD (DL-51) = Titl TITLE1D (DL-52)	isted Name First esignation of Lineage Title of Address 1		
	IN203	93	Name		0	AN 1/60
			Free-form name	inte d Nieura - Einst		
			LNFN (DL-46) = L "TL" "TITLE1" "DESD" "TLD" "TITLE1D"	Isted Name First		

Segment:	N4 o	Seographic Location	
Position:	3700		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:		ify the geographic place of the named party	
Syntax Notes:		one of N402 or N407 may be present.	
		406 is present, then N405 is required.	
•	3 If N4	407 is present, then N404 is required.	
Semantic Notes:			
Comments:		mbination of either N401 through N404, or N405 and N406 r	may
		dequate to specify a location.	_
Netes		2 is required only if city name (N401) is in the U.S. or Canad	a.
Notes:	N4 LAS	ST (DL-71)	
		Data Element Summary	
Ref.	Data		
Des.	Element	<u>Name</u>	
<u>Attributes</u>			
N402	156	State or Province Code X	ID 2/2
		Code (Standard State/Province) as defined by appropriate	government
			0

LAST (DL-71) = Listed Address State/Province

agency

#### NX2 Location ID Component Segment: Position: 3750 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2\*01\*LANO (DL-63) NX2\*02\*LASN (DL-66) NX2\*03\*LASD (DL-65)

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

	Data Element Summary					
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
М	NX201	1106	Address Compor	nent Qualifier	Μ	ID 2/2
			Code qualifying th	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Information	tion	Μ	AN 1/55
			Address information	on		
			LASF $(DL-64) = Li$ LASD $(DL-65) = L$ LASN $(DL-66) = L$ LASS $(DL-68) = Li$ LAPR $(DL-62) = L$ LALO $(DL-69) = L$ LATH $(DL-67) = Li$	isted Address Number sted Address Number Suffix isted Address Street Directional Prefix isted Address Street Name isted Address Street Directional Suffix isted Address Number Prefix isted Address Location isted Address Street Type Listed Address Locality		

Segment:	SI Service Characteristic Identification				
Position:	3950				
Loop:	N1 Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	>1				
Purpose:	To specify service characteristic data				
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.				
-	2 If either SI06 or SI07 is present, then the other is required.				
	3 If either SI08 or SI09 is present, then the other is required.				
	4 If either SI10 or SI11 is present, then the other is required.				
	5 If either SI12 or SI13 is present, then the other is required.				
	6 If either SI14 or SI15 is present, then the other is required.				
	7 If either SI16 or SI17 is present, then the other is required.				
	8 If either SI18 or SI19 is present, then the other is required.				
	9 If either SI20 or SI21 is present, then the other is required.				
Semantic Notes:					
Comments:	1 SI01 defines the source for each of the service characteristics				
	qualifiers.				
Notes:	SI*TI*TN*LTN (DL-39)				
	SI*TI*NS*NSTN (DL-40)				

			Data Element 3	Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	ne agency assigning the code values		
			ТΙ	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	9
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
М	SI03	234	Product/Service ID		Μ	AN 1/48
			Identifying number	r for a product or service		
			LTN (DL-39) = Listed Telephone Number NSTN (DL-40) = Non Standard Telephone Number			
			. , ,			

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

Total number of line items in the transaction set

М

	Segment:	SE 1	ransaction Set Trailer				
	Position: Loop:	0300					
	Level: Usage:	Summar Mandato					
	Max Use:	1					
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)					
•	ntax Notes: ntic Notes:	-					
(	Comments:	1 SE is the last segment of each transaction set.					
	Notes:	SE*Number of Segments*TRAN SET CONTROL #					
			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	Name				
	<u>Attributes</u>						
Μ	SE01	96	Number of Included Segments M	N0 1/10			
			Total number of segments included in a transaction set incl and SE segments	uding ST			
Μ	SE02	329	Transaction Set Control Number M	AN 4/9			
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					