Unbundled Analog (ANA) Line-Side Switch Port Table of Contents

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21. Unbundled Analog Line-Side Switch Port

21.1 Business Description

Unbundled Analog Line-Side Switch Port product allows a CLEC to purchase the use of Qwest's Switching capabilities and network.

For Example, the CLEC may have their own loop equipment and wants to purchase use of the features and functions available in a Qwest switch. The Unbundled Analog Line-Side Switch Port establishes the line-side 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, access to 911, operator services, and directory assistance.

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 Serving Wire Center Switch

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 new Unbundled Analog Line Side Port is comprised of the following elements:

- Telephone number(s)
- Features specific to the Serving Wire Center Switch

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 between Qwest and the CLEC for Unbundled Analog Line Side Switch Ports Ordering Purposes:

- 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 Analog Line-Side Switch Port:

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

Req	ACT	Definition		LNA	Forms required
Туре			Application		
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 Analog 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 Analog 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	

Order Activity Definition

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)
С	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

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

21.2 Business Model

See Appendix H

21.3 Developer Worksheets

See Appendices B and C – Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
Analog Line-Side Port Service Request	850ANLG
Analog Line-Side Port Service Request Supplemental	860ANLG
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

21.4 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.

21.4.1 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.

21.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

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

	SENT TO Qwest	RECEIVED FROM Qwest
ISA01	'00' (No Authorization information present)	'00' (No Authorization information present)
ISA02	Spaces (Authorization information)	Spaces (Authorization information)
ISA03	'00' (No Security information is present)	'00' (No Security information is present)
ISA04	Spaces (Security Information)	Spaces (Security information)
ISA05	Co-Provider TP qualifier	'ZZ' (Mutually Defined)
ISA06	Co-Provider TP ID	'QWESTO' (<u>Note</u> : This Trading partner ID is used only for QWEST order and post- order transactions. The "O" is the unique identifier.)
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier
ISA08	'QWESTO' (<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	'U' (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)	'0' (No acknowledgment requested)
ISA15	'P' (Production data)	'P' (Production data)
ISA16	'0x1f' (Sub-element Separator)	'0x1f' (Sub-element Separator)

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

21.4.3 GS TABLE INFORMATION

ANSI X12 GS and GE segment definitions:

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

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

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

GS Table

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	850ANLG	PO	Co-Provider TP ID	ANLG90
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	860ANLG	PC	Co-Provider TP ID	ANLG90
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	865FOC	CA	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	865NF	CA	NF90	Co-Provider TP ID
Fatal Error Response	Send	865FATAL	CA	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	COMP90	Co-Provider TP ID

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

21.4.4 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.

21.5 Mapping Examples

21.5.1 850 Analog Line-Side Port (850ANLG) - 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 Bold/Italics Code conversion tables	
can be found in the data dictionary of this	
disclosure.	
[] = Segment notes for this line	[SI Segment repeats]
() = Element notes for this line	(This element states)
Ν	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*11*EAN<sup>EU+40</sup>*EAN

REF*30*RTR<sup>SR-28</sup>*RTR

REF*CO*RPON<sup>LSR-51</sup>*RPON

REF*12*BAN<sup>1</sup><sup>SR-51</sup>*RPON

REF*12*BAN<sup>1</sup><sup>SR-61</sup>*BAN1

PAM*QU*HTQTY<sup>LSR-6</sup>*EA

PAM*QU*HTQTY<sup>LSR-6</sup>*EA

PAM*48*PG_of <sup>LSR-10</sup>(1<sup>st</sup> 2 Bytes)*EA

PAM*48*PG_of <sup>LSR-10</sup>(2<sup>nd</sup> 2 Bytes)*EA

PAM*47*PG_of <sup>LSR-10</sup>(2<sup>nd</sup> 2 Bytes)*EA

PAM*47*PGDTY<sup>EU-5</sup>*EA

PAM*BH*DDDTY<sup>DL-23</sup>*EA

PAM*BH*DDDTY<sup>DL-23</sup>*EA

PAM*150*DDD(CCYYMMDD)<sup>LSR-12</sup>*DTSENT{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*R*REOTYP<sup>LSR-38</sup>

SI*TI*R*REOTYP<sup>LSR-38</sup>

SI*TI*R*REOTYP<sup>LSR-38</sup>
```

Updated: April 12, 2002

PO1*n*1*EA***ZZ*EU_SA [PO1 Loop may repeat] PID*S**TI*ANV***SO-RSQ***ANV**^{EU-8a} REF*IX***LOCNUM** N1*IT* NAME^{EU-8} N4**STATE^{EU-25}*ZIP^{EU-26}**RJ*CALA^{EU-26a} NX2*01***SANO**^{EU-11} NX2*02***SASN**EU-14 NX2*03***SASD**EU-13 NX2*05* **BOX**EU-23c NX2*06* ROUTEEU-23b NX2*07* *CITY*^{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 Updated: April 12, 2002 Qwest Communications International, Inc.

End User Form (Location and Access Section)

SI*TI*LO**LST*^{LSR-42} SI*TI*NC***NC**LSR-46 SI*TI*NI* NCL PID*S**TI*AH***SO-RSQ*CHCLSR-22 PID*S**TI*CONVIND***SO-RSQ*CONVIND^{LSR-24a} PID*S**TI*AO***SO-RSQ*AGAUTH PID*S**TI*BI***SO-RSQ* FBI PID*S**TI*PENDING***SO-RSQ***PENDING ORDER** PWK*DW*NS*1*DG*91***DRC**LSR-98 N9*H7*ORI* EU****2W>MANUAL IND MTX**REMARKSEU-63 N9*H7*ORI* *LSR*****2W>**MANUAL IND**^{LSR-108a} MTX****REMARKS**^{LSR-108} N9*H7*ORI**PORT*****2W>**MANUAL IND**^{PS-61a} MTX****REMARKS**^{PS-61} N1*78* CCNA LSR-1 NX2*91***APOT**^{LSR-41} 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} 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^{EU-43} N2*SBILLNM N4****STATE**EU-49***ZIP**EU-50 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 STOPEU-47 NX2*40***SASS**EU-45g NX2*59***SAPR**EU-45a 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}

NX2*<u>LD1</u>^{EU-17}*LV1^{EU-18} NX2*<u>LD2</u>^{EU-19}*LV2^{EU-20} NX2*<u>LD3</u>^{EU-21}*LV3^{EU-22} SI*TI*AF*AFT^{EU-9}

End User Form (Disconnect Information Section)

PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat] SI*TI*ND* **DISC NBR**EU-55 SI*TI*T6***TC OPT**EU-57 REF*IX* **DNUM**^{EU-54}* DNUM DTM*376***TC PER**{CCYYMMDD}^{EU-62} SLN*TCPRI*n*A*1*EA SI*TI*TC***TC TO PRI**EU-58 N1*TT***TC NAME**EU-58b REF*55*TCIDEU-58a*PRI SLN*TCSEC*n*A*1*EA [SLN Loop may repeat] SI*TI*TC***TC TO SEC**EU-59 N1*TT***TC NAME**EU-61 REF*55***TCID**EU-60*SEC Port Service Form PO1*n*1*EA***ZZ*PS [PO1 Loop may repeat] SI*TI*SA*<u>LNA</u> SI*TI*TN***TNS**^{PS-12} SI*TI*LZ*LSCPPS-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*SY***SSIG**PS-49 SI*TI*PE* PULSE SI*TI*TQ***TLI**^{S-17a} SI*TI*T5***TERS**PS-17 PID*X**TI*CFA*CFA REF*IX*LNUM REF*GP***TSP**^{PS-27} REF*AE***SAN**PS-28 DTM*376*TC PER CCYYMMDD PS-38 N1*P9**41* PICPS-22 N1*8V**41**LPIC*PS-23 SLN**TCPRI**n*A*1*EA SI*TI*TC***TC TO PRI**^{PS-34} PS-34b N1*TT***TC NAME** 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**^{PS-52}*TB***BLOCK**^{PS-53} SLN**FA**n*A*1*EA SI*TI*SA*<u>FA</u>^{PS-58}*SC**FEATURE*^{PS-59} [SLN Loop may repeat per FA/FEATURE pair] Updated: April 12, 2002 Qwest Communications International. Inc. EDI Disclosure Document – Version 9.0

Regular Hunting

[If this segment appears, $\underline{HNTYP}^{\text{LSR-116}} = 5$]

PO1*n*1*EA***ZZ* HG SI*TI*SA*<u>HA</u>^{LSR-112} SI*TI*SG* HID^{LSR-113} SI*TI*SF* <u>HNTYP</u>^{LSR-109}*LOCNUM REF*IX* LOCNUM^{LSR-109}*LOCNUM SLN* HNT*n*A*1*EA N9*55* HTSEQ MTX****HTSEQ**^{LSR-118}

Multi-Line Hunting

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

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

DL Form (Delivery Address/Information Section)

[PO1 Loop repeats **DDQTY**^{DL-23} times]

PO1*n*1*EA***ZZ*DA SI*TI*AD*DACT^{DL-81} QTY*31*DIRQTYA^{DL-103}*DY QTY*38*DIRQTYNC^{DL-104}*DY N1*DA*DELNAME N4****STATE^{DL-99}*ZIP**^{DL-100} NX2*01*DDAN0^{DL-85} NX2*02*DDASN^{DL-88} NX2*02*DDASN^{DL-88} NX2*03*DDASD^{DL-87} NX2*07*CITY^{DL-98} NX2*18*DDAL0^{DL-903} NX2*40*DDASS^{DL-90} NX2*59*DDAPR^{DL-84} NX2*61*DDASF^{DL-86} NX2*62*DDATH^{DL-89}

DL Form (Service Details Section)

PO1*n*1*EA***ZZ*DL*SH***RTY**^{DL-12} SI*TI*LB***LAC7**^{DL-10} SI*TI*LE***LTY**^{DL-13} SI*TI*TW***STYC**^{DL-15} SI*TI*BR***TOA**^{DL-16} SI*TI*DG***DOI**^{DL-17} SI*TI*DN***DIRNAME**^{DL-34}

Updated: April 12, 2002

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[PO1 Loop may repeat]

SI*TI*BO* BRODL-28 PID*S**TI*AR***SO-RSQ***OMTN**DL-41 PID*S**TI*AS***SO-RSQ*LNPL PID*S**TI*AT***SO-RSQ*<u>ADI</u>^{DL-61} PID*S**TI*AW***SO-RSQ*DML PID*S**TI*AX***SO-RSQ* **NOSL**^{DL-26} PID*S**TI*AY***SO-RSQ*<u>TMKT</u>^{DL-27} PID*S**TI*BA***SO-RSQ***PROF**^{DL-32} REF*LI***ALI**^{DL-11} N9*82*PLA MTX****PLA**DL-55 N9*82**LTXTY****LTXTY**^{DL-57} MTX****LTEXT**^{DL-59} N9*H7*ORI* DL MTX****REMARKS**DL-113 N1*DH*LISTINGS 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* N4***LAST*^{DL-71} NX2*01**LANO*^{DL-63} NX2*02**LASN*^{DL-66} NX2*03**LASD*^{DL-65} NX2*07**LALOC*^{DL-70} NX2*18**LALO*^{DL-69} NX2*40**LASS*^{DL-68} NX2*59**LAPR*^{DL-62} NX2*61**LASF*^{DL-64} NX2*62**LATH*^{DL-67} SI*TI*TN* LTN DL-39 SI*TI*NS***NSTN**DL-40

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 #

21.5.2 860 Analog Line-Side Port Supplemental Service Request (860ANLG) - Version 4020

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

ST*860*TRAN SET CONTROL # BCH*<u>SUP</u>^{LSR-25}*SS***PON**^{LSR-2**}VER^{LSR-3}*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**^{DL-12} 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 #

21.6 DATA DICTIONARY

21.6.1 850 Analog Line Side Port (850ANLG)

Functional Group ID=PO

Introduction:

The 850ANLG service request will be used by the Co-Provider to initiate a service request for Analog 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>	Max.Use	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		
			LOOP ID - N1			200	

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3100	N1	Name	0	1	
3450	NX2	Location ID Component	0	>1	
3600	PER	Administrative Communications Contact	0	>1	
0000	I LIX		0		
		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>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PO1			100000	
М	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		İİ
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
	4050	SI	Service Characteristic Identification	0	>1		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - End User Form (Disconnect Information Section)	М	1		n2
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
	2100	DTM	Date/Time Reference	0	10		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			10	
	5350	N1	Name	0	1		
	5800	REF	Reference Identification	0	12		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		

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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	М	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	10		
		LOOP ID - N1			200	
3500	N1	Name	0	1		
		LOOP ID - N1			200	
3500	N1	Name	0	1	200	
5500	INI		0			
		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		
	0.				100000	
0400	504	LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Regular Hunting	M	1		n4
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
4700		LOOP ID - SLN	0	4	>1	
4700	SLN	Subline Item Detail	0	1		
5000		LOOP ID - N9	0		>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		
		LOOP ID - PO1			100000	
		Baseline Item Data - Multi-Line Hunting	М			n5

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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	
0100	PO1	Baseline Item Data - DL Form (Delivery	М	1		n6
0400	01	Address Section)	0	4		
0180	SI	Service Characteristic Identification	0	>1		
	0 .	LOOP ID - QTY	<u>^</u>		>1	
2930	QTY	Quantity	0	1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - N1			200	
3500	N1	Name	0	1		
3800	N4	Geographic Location	0	1		
3850	NX2	Location ID Component	0	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - DL Form (Service	М	1		n7
0180	SI	Details Section) Service Characteristic Identification	Ο	>1		
0100	01	LOOP ID - PID		~ 1	1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
1000	NLI	LOOP ID - N9	0	~1	1000	
3300	N9	Reference Identification	0	1	1000	
3400	MTX	Text	0	>1		
0100	MILX.				1000	
2200	NO	LOOP ID - N9 Reference Identification	0	4	1000	
3300	N9 MTV	Reference Identification	0	1		
3400	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3300	N9	Reference Identification	0	1		
3400	MTX	Text	0	>1		
		LOOP ID - N1			200	
3500	N1	Name	0	1		
3650	IN2	Individual Name Structure Components	0	>1		
3800	N4	Geographic Location	0	1		
3850	NX2	Location ID Component	0	>1		
	SI	Service Characteristic Identification	0	>1		
4050						
4050		LOOP ID - PO1			100000	

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Summary:

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

Loop Notes and 21

	<u>No.</u>	<u>ID</u>	Name	<u>Des.</u>	Max.Use	<u>Repeat</u>	Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1		n9
М	0300	SE	Transaction Set Trailer	М	1		

Transaction Set Notes

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

	Segment:	ST T	ransaction Set Header		
	Position:	0100			
	Loop:				
	Level: Usage:	Heading Mandato			
	Max Use:	1			
Sv	Purpose: ntax Notes:	l o indica	ate the start of a transaction set and to assign a control n	umb	er
	intic Notes:	routi trans Set). 2 The trans appr	transaction set identifier (ST01) is used by the translation nes of the interchange partners to select the appropriate saction set definition (e.g., 810 selects the Invoice Transa- implementation convention reference (ST03) is used by slation routines of the interchange partners to select the opriate implementation convention to match the transact ition.	actio the	
	Comments:	deni			
	Notes:	ST*850*	TRAN SET CONTROL #		
			Data Element Summary		
	Ref.	Data			
	<u>Des.</u> Attributes	<u>Element</u>	Name		
1	ST01	143	Transaction Set Identifier Code	М	ID 3/3
			Code uniquely identifying a Transaction Set 850 Purchase Order		
1	ST02	329	Transaction Set Control Number Identifying control number that must be unique within th set functional group assigned by the originator for a tran		

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: comments:	0200 Heading Mandato 1 To indica transmit			
	Notes:	BEG*00	SS*PON (LSR-2)**PO Date (See Trading Partner Acces	s Inf	ormation)
	Ref. Des.	Data <u>Element</u>	Data Element Summary <u>Name</u>		
м	<u>Attributes</u> BEG01	353	Transaction Set Purpose Code	м	ID 2/2
141	BEGUI	555	Code identifying purpose of transaction set	141	
			00 Original		
М	BEG02	92	Purchase Order Type Code	М	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply 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		
М	BEG05	373	Date	М	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date (See Trading Partner Access Information)		

Segment:	REF Reference Identification
Position: Loop:	0500
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose: Syntax Notes: Semantic Notes:	 To specify identifying information At least one of REF02 or REF03 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*11*AN (LSR-7)*AN REF*11*EAN (EU-40)*EAN REF*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 Elemer	nt Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
м	Attributes REF01	128	Deference Ide	ntification Qualifier		ID 2/3
М	REFUT	128			М	ID 2/3
			Code qualifying the Reference Identification			
			11	Account Number		
				Number identifies a telecommunicati	ons i	industry
			12	account Billing Account		
			12	•		
				Account number under which billing	is rei	naerea
			1V	Related Vendor Order Number		
				A vendor's order number that is in ac	ditio	on to a
			СО	primary order number Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
			30			
				Unique code identifying the special h requirements for the claim	and	ing
	REF02	127	Reference Ide		х	AN 1/30
				mation as defined for a particular Transa	ictior	Set or as
				e Reference Identification Qualifier		
				Account Number		
				Existing Account Number		
				R-20) = 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 des	cription to clarify the related data elemer	nts a	nd their
			content			
			"AN"			
			"EAN"			
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"RTR"			
"RPON	"		
"RORE)"		
"BAN1	II		

Segment:	PAM Period Amount
Position: Loop:	0950
Level: Usage: Max Use:	Heading Optional 10
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	 If any of PAM01 PAM02 or PAM03 is present, then all are required. At least one of PAM02 PAM05 or PAM14 is required. If either PAM04 or PAM05 is present, then the other is required. If either PAM06 or PAM07 is present, then the other is required. If PAM07 is present, then at least one of PAM08 or PAM09 is required. If PAM07 is present, then PAM06 is required. If PAM07 is present, then PAM06 is required. If PAM08 is present, then PAM07 is required. If PAM09 is present, then PAM07 is required. If PAM09 is present, then at least one of PAM11 or PAM12 is
	required.
	10 If PAM11 is present, then PAM10 is required.11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	 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
Ref.	Data Element Summary Data

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
PAM01	673	Quantity Qualifi	er	Х	ID 2/2
		Code specifying t	he type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a 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	quantity		
			= Hunt Group Quantity) = Location Quantity G_of_ (LSR-10)		
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		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		
		To identify a composite unit of measure (See Figures , examples of use)	Appei	ndix for	
C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each			

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Commonte	SAC Service, Promotion, Allowance, or Charge Information	
Segment:		
Position:	1200	
Loop:	SAC Optional	
Level:	Heading	
Usage: Max Use:	Optional 1	
Purpose:	To request or identify a service, promotion, allowance, or charge; to	
i dipose.	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. 2 If either SAC06 or SAC07 is present, then the other is required. 	
	 3 If either SAC06 or SAC07 is present, then the other is required. 4 If either SAC09 or SAC10 is present, then the other is required. 	
	4 If either SAC09 or SAC10 is present, then the other is required.5 If SAC11 is present, then SAC10 is required.	
	6 If SAC13 is present, then at least one of SAC02 or SAC04 is	
	required.	
	7 If SAC14 is present, then SAC13 is required.	
	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 there is more than one option of the promotion.	
	7 SAC16 is used to identify the language being used in SAC15.	
Comments:	 SAC04 may be used to uniquely identify the service, promotion, 	
ooninicitta.	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	
<u>Des.</u>	<u>Element</u> <u>Name</u>	
Attributes	249 Allowance or Charge Indicator MUD 4/4	
M SAC01	248 Allowance or Charge Indicator M ID 1/1	
	Code which indicates an allowance or charge for the service specified	l
	N No Allowance or Charge	
SAC03	559 Agency Qualifier Code X ID 2/2	
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		Code identifying the agency assigning the code values			
		TI	Telecommunications Industry		
SAC04	1301	Agency Service, Code	Promotion, Allowance, or Charge X AN 1/10)	
		Agency maintained or charge	d code identifying the service, promotion, allowance) ,	
		EXP	Expedited Service Charge		

Segment		Date/Tir	me Reference					
Position		1500						
Loop Level Usage Max Use Purpose Syntax Notes	: Heading : Optional : 10 : To speci	To specify pertinent dates and times						
Syntax Notes			esent, then DTM03 is required.					
Semantic Notes Comments Notes	3 If eit : : : DTM*09 DTM*15	her DTM05 7*D/TSEN ⁻ 0*DDD{CC	5 or DTM06 is present, then the other is T{CCYYMMDD} (LSR-12)*D/TSENT{HI CYYMMDD} (LSR-14)***TM*APPTIME{ CCYYMMDD} (LSR-36)	HMM} (LSR				
	DTW 21							
Def	Data	Data El	lement Summary					
Ref. Des.	Data <u>Element</u>	Name						
Attribute	es							
I DTM01	374		e Qualifier	М	ID 3/3			
			cifying type of date or time, or both date	e and time				
		097	Transaction Creation					
		150	Service Period Start					
		270	Date Filed					
DTM02	2 373	Date		Х	DT 8/8			
			ressed as CCYYMMDD					
			(LSR-12) = Date Sent					
		•	R-14) = Desired Due Date _SR-36) = Date of Agency Authorizatior	h				
DTM03	3 337	Time		X	TM 4/8			
		or HHMM (00-59), S decimal se hundredth	· /	s (00-23), M lecimal seco	l = minutes onds;			
			{HHMM} (LSR-12) = Time Sent					
DTM05	5 1250		e Period Format Qualifier	X	ID 2/3			
			cating the date format, time format, or o		e format			
		TM	Time Expressed in Format HI		oro UU io			
			Time expressed in the format the numerical expression of h on a twenty-four hour clock an expression of minutes within	ours in the nd MM is th	day based			
DTM06	6 1251	Date Time	•	X	AN 1/35			
			on of a date, a time, or range of dates, t	imes or date	es and			
			(UUMM) (ISP 15) - Appointment Time					

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Segment:	SI Service Characteristic Identification					
Position:	1850					
Loop:						
Level:	leading					
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					
Neree						
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. <u>Des.</u>	Data <u>Element</u>	Name			
М	Attributes SI01	559	Agency Qualifier	Code	М	ID 2/2
			• •	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an inde characteristics AA	ustry code list qualifying the type of se Account Activity	rvice	1
			LO	Local Exchange Carrier Serving Office	~~	
			NC	Network Channel	Je	
			NI	Network Channel Interface		
			PW	Port Type		
			RE	Requisition Type		
			TY	Type of Service		
М	SI03	234	Product/Service		М	AN 1/48
			Identifying numbe	r for a product or service		
			D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C	New Installation) Disconnect of entire account)		
l Indotod: ^	nril 10, 0000	0	TOS (LSR-44) = 7			22
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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

Sagmanti	ΡΙΟ	Draduct/Kom Deceription					
Segment:		PID Product/Item Description					
Position: Loop:	1900						
Level:	Heading						
Usage:	Optional						
Max Use:	200						
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.					
		D09 is present, then PID05 is required.					
Semantic Notes:		PID03 to indicate the organization that publishes the cod	e list	t			
		g referred to.					
		94 should be used for industry-specific product description on the specific product description	1				
	code 3 PIDO	is. 8 describes the physical characteristics of the product id	ontifi	bai			
		D04. A "Y" indicates that the specified attribute applies to					
		an "N" indicates it does not apply. Any other value is					
	inde	terminate.					
		9 is used to identify the language being used in PID05.					
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S",					
	used	04 is used. If PID01 equals "X", then both PID04 and PID0	J5 ar	e			
		PID06 when necessary to refer to the product surface or	lave	r			
		being described in the segment.					
		7 specifies the individual code list of the agency specified	d in				
	PIDC						
Notes:		FITAH***SO-RSQ*CHC (LSR-22)					
		FI*CONVIND***SO-RSQ*CONVIND (LSR-24a)					
		ΓΙ*ΑΟ***SO-RSQ*AGAUTH (LSR-35) ΓΙ*ΒΙ***SO-RSQ*FBI (EU-42)					
		[I*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)					
		Data Element Summary					
Ref.	Data Element	Nome					
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	name					
I PID01	349	Item Description Type	м	ID 1/1			
		Code indicating the format of a description					
		S Structured (From Industry Code List)					
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					
		·					

Μ

Coordinated Hot Cut

Conversion Indicator

Pending Order

Agency Authorization Status

Final Bill Information Indicator

O AN 1/15

AH

AO

BI

822

PID07

CONVIND

PENDING

Source Subqualifier

		Qualifier	cates the table or text maintained by ervice Order - Reseller Questions li		Source
PID08	1073			0	ID 1/1
		Code indicating a Ye	s or No condition or response		
		Y = (DWS: D-Diffe N = (DWS: E-Exist CONVIND (LSR-24a) Y = (DWS: F-Full) N = (DWS: P-Parti CHC (LSR-22) = Coc AGAUTH (LSR-35) =	ting (Default))) = Conversion Indicator ial)		
			, 3		

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:	 PWK05 and PWK06 may be used to identify the addressee by a code number.
	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 Summary
Ref.	Data

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	PWK01	755	Report Type Cod	e	Μ	ID 2/2
			Code indicating th	e title or contents of a document, repo	rt or	supporting
			item			
			DW	Drawing(s)		
	PWK02	756	Report Transmis	sion Code	0	ID 1/2
			Code defining time are to be sent	ing, 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	Report Copies N		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 (Code	0	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	Identification Co	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	• • •	Х	AN 2/80
		-	Code identifying a	party or other code		
				Design Routing Code		
				Boolgin Routing Oodo		

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:	 At least one of N902 or N903 is required. If N906 is present, then N905 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	 N906 reflects the time zone which the time reflects. N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)
Ref.	Data Element Summary Data

		Bulu			
	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	Χ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	e Set or as
	N903	369	Free-form Description	Χ	AN 1/45
			Free-form descriptive text		
			"EU"		
	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	ction	Set or as
			MANUAL IND (EU-63a) = Manual Indicator		

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.		
•	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before	ore print".	
	then MTX05 is required.	,	
Notes:	MTX**REMARKS (EU-63)		
	Data Element Summary		
Ref.	Data		
<u>Des.</u>	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	X 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.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)
	Data Element Summary
Ref.	Data

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

Segment:	MT)	Text		
Position:	3000			
Loop:		Optional		
Level:	Heading	1		
Usage:	Optional			
Max Use:	>1			
Purpose:		fy textual data		
Syntax Notes:	•	TX01 is present, then MTX02 is required.		
ey max neteer		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		(05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines before	o priu	ot"
Comments.		· ·	e pili	п,
Notoo		MTX05 is required.		
Notes:	IVITA R	EMARKS (LSR-108)		
		Data Element Summary		
Ref.	Data			
<u>Des.</u>	<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:	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.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*PORT****2W>MANUAL IND (PS-61a)
Ref	Data Element Summary

	Ref.	Data			
	Des.	<u>Element</u>	<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		
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 (PS-61a) = Manual Indicator		

Segment:	MT)	Text		
Position:	3000			
Loop:	N9	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	X01 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 bef	ore pri	nt".
		MTX05 is required.	•	
Notes:		EMARKS (PS-61)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		
		To tranomic 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:	 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*78*CCNA (LSR-1)

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

	Segment:	NX2	Location ID Component							
	Position:	3450								
	Loop: Level:	N1 Heading	Optional							
	Usage:	Optional								
	Max Use:	>1								
C	Purpose:	To define	e types and values of a geographic location							
-	ntax Notes: Intic Notes:									
	Comments:									
	Notes:	NX2*91*	APOT (LSR-41)							
			Data Element Summary							
	Ref.	Data	Data Liement Summary							
	Des.	Element	Name							
	<u>Attributes</u>									
М	NX201	1106	Address Component Qualifier	/ ID 2/2						
			Code qualifying the type of address component	,						
	NIXOOO	400	91 Additional Point of Termination (APOT							
М	NX202	166	Address Information	AN 1/55						
			Address information		_					
			APOT (LSR-41) = Additional Point of Termination							

PER Administrative Communications Contact

Segment:

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

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
				he major duty or responsibility of the p	erso	n or group
			named AG	Agent		
			CN	Agent General Contact		
	DEDA2	02		General Contact	~	ANI 4/60
	PER02	93	Name		0	AN 1/60
			Free-form name	ter e i i eret et		
				nitiator Identification 1) = Implementation Contact		
	PER03	365		Number Qualifier	Х	ID 2/2
				he type of communication number		
			TE	Telephone		
	PER04	364	Communication	•	Х	AN 1/256
			Complete commu	inications 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
				he type of communication number		
			BN	Beeper Number		
	DEDAA	004	FX	Facsimile	v	
	PER06	364	Communication		Х	AN 1/256
			applicable	inications number including country or	area	code when
				= Pager Number		
) = Facsimile Number		
	PER07	365	Communication	Number Qualifier	Х	ID 2/2
			Code identifying t	he type of communication number		
			EM	Electronic Mail		
	PER08	364	Communication	Number	Х	AN 1/256
Updated: A	April 12, 2002		vest Communications			45

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

N101

N102

98

93

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:	 At least one of N102 or N103 is required. 				
	2 If either N103 or N104 is present, then the other is required.				
Semantic Notes:					
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101. 				
Notes:	N1*BT**92*ACNA (LSR-64)				

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 loca or an individual BT Bill-to-Party	ition,	, property
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code structure of Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	lsed	for
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		ACNA (LSR-64) = Access Customer Name Abbreviation	1	

Segment:	N1 Name
Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*DG*DSGCON (LSR-97)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</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

N101

N102

98

93

M ID 2/3

X AN 1/60

Commonte	PFR	Administrative Communications Contact			
Segment:					
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			

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

Data <u>Element</u>	<u>Name</u>			
98	Entity Identifier C	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
93	Name		Χ	AN 1/60
	Free-form name			
	BILLNM (EU-43) =	Bill Name		
	<u>Element</u> 98	ElementName98Entity Identifier CCode identifying aor an individualX193NameFree-form name	Element Name 98 Entity Identifier Code Code identifying an organizational entity, a physical local or an individual X1 Mail to An address to which a specified item 93 Name	Element Name 98 Entity Identifier Code M Code identifying an organizational entity, a physical location or an individual Name M X1 Mail to An address to which a specified item is to 93 Name X Free-form name X

	Segment:	N2 A	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:	NO*ODI			
	Notes:	INZ. 2BIT	LNM (EU-44)		
			Data Element Summary		
	Ref.	Data	·		
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	N201	93	Name	1	AN 1/60
			Free-form name		
			SBILLNM (EU-44) = Secondary Bill Name		

Segment:	N4 o	Geographic Location			
Position:	3400	3400			
Loop:	N1	Optional			
Level:	Heading				
Usage:	Optional				
Max Use:	>1				
Purpose:	To spec	ify 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:	1 A combination of either N401 through N404, or N405 and N406 may				
	be a	dequate to specify a location.			
		2 is required only if city name (N401) is in the U.S. or Ca	nada		
Notes:	N4**STATE (EU-49)*ZIP (EU-50)				
Def	Data	Data Element Summary			
Ref.	Data	News			
<u>Des.</u> Attributes	<u>Element</u>	<u>name</u>			
<u>Attributes</u> N402	156	State or Province Code	х	ID 2/2	
11402	150		~		
		Code (Standard State/Province) as defined by appropria	ate g	overnment	
		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

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

			Data Element S	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</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		
			32	Floor		
				A particular floor or level of a building	J	
			35	Room		
				A walled room or partitioned area of a	a bui	lding
			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		
			SANO (EU-45b) =	Service Address Number		
			SASN (EU-45e) =	Service Address Street Name		
				Service Address Street Directional Pr	efix	
			CITY (EU-48) = C	•		
			FLOOR (EU-46) =			
				P (EU-47) = Room/Mail Stop	ffix	
				Service Address Street Directional Su Service Address Number Prefix	, IIIX	
				Service Address Number Frenk Service Address Number Suffix		
				Service Address Street Type		
			, , , , , , , , , , , , , , , , , , ,	<i>.</i>		

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

Segment:	SI Service Characteristic Identification
Position:	3650
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	 SI01 defines the source for each of the service characteristics qualifiers.
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	Μ	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:	PO1	Baseline Item Data - End User Form (Location and A	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:		0103 is present, then PO102 is required.							
		0105 is present, then PO104 is required.							
		her PO106 or PO107 is present, then the other is required							
		her PO108 or PO109 is present, then the other is required							
		her PO110 or PO111 is present, then the other is required							
		her PO112 or PO113 is present, then the other is required							
		her PO114 or PO115 is present, then the other is required							
		8 If either PO116 or PO117 is present, then the other is required.							
		her PO118 or PO119 is present, then the other is required							
		her PO120 or PO121 is present, then the other is required							
		her PO122 or PO123 is present, then the other is required							
Semantic Notes:	12 If ett	her PO124 or PO125 is present, then the other is required	a.						
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/servic	חו מי	ie.					
		each item. For example: Case, Color, Drawing No., U.P.C							
		No., Model No., or SKU.	/. 140	-,					
Notes:		*EA***ZZ*EU_SA [PO1 Loop may repeat]							
		Data Element Summary							
Ref.	Data								
Des.	Element	Name							
Attributes									
PO101	350	Assigned Identification	0	AN 1/20					
		Alphanumeric characters assigned for differentiation with	hin a	ì					
		transaction set							
		"n" = nth assigned ID within PO1 Loop							
PO102	330	Quantity Ordered	Х	R 1/15					
–		Quantity ordered							
		-							
		1 Always one	-						

Unit or Basis for Measurement Code

Product/Service ID Qualifier

Product/Service ID (234)

Product/Service ID

manner in which a measurement has been taken

Mutually Defined

Each

Identifying number for a product or service

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

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

"EU SA"

ΕA

ΖZ

PO103

PO106

PO107

355

235

234

O ID 2/2

X ID 2/2

X AN 1/48

Segmen	t: PID	Product/Item Description				
Position	n: 0500					
Loop Leve		Optional				
Usage		al				
Max Us	•					
Purpos		cribe a product or process in coded or free-form format				
Syntax Notes		PID04 is present, then PID03 is required.				
		least one of PID04 or PID05 is required.				
		PID07 is present, then PID03 is required.				
		PID08 is present, then PID04 is required. PID09 is present, then PID05 is required.				
Semantic Notes		e PID03 to indicate the organization that publishes the code I	ist			
		ing referred to.				
		D04 should be used for industry-specific product description				
	COC	des.				
		008 describes the physical characteristics of the product ident				
		PID04. A "Y" indicates that the specified attribute applies to the	IIS			
		n; an "N" indicates it does not apply. Any other value is leterminate.				
		D09 is used to identify the language being used in PID05.				
Comments		PID01 equals "F", then PID05 is used. If PID01 equals "S", then				
••••••		D04 is used. If PID01 equals "X", then both PID04 and PID05				
	USE					
		e PID06 when necessary to refer to the product surface or lay	/er			
		ing described in the segment.				
		007 specifies the individual code list of the agency specified in	1			
Notes		003. *TI*ANV***SO-RSQ*ANV (EU-8a)				
Notes						
		Data Element Summary				
Ref.	Data					
<u>Des.</u>		t <u>Name</u>				
<u>Attribu</u> PID01		Item Description Type M	ID 1/1			
FIDU	545	Code indicating the format of a description				
		-				
		S Structured (From Industry Code List)				
PID03	3 559	Agency Qualifier Code X	ID 2/2			
		Code identifying the agency assigning the code values				
		TI Telecommunications Industry				
PID04	4 751	Product Description Code X	AN 1/12			
		A code from an industry code list which provides specific d	ata about a			
		product characteristic				
	_	ANV Address Not Validated Indicator				
PID07	7 822	Source Subqualifier O				
		A reference that indicates the table or text maintained by the	ne Source			
		Qualifier				
		SO-RSQ Service Order - Reseller Questions list	ID			
PID08	3 1073	Yes/No Condition or Response Code O	ID 1/1			
		Code indicating a Yes or No condition or response				
		ANV (EU-8a) = Address Not Validated Indicator				
		Refer to 004020 Data Element Dictionary for acceptable co	ode values.			
dated: April 12, 20)02 Q	west Communications International, Inc.	58			
• • •		Di Diaglagura Dagumant Vargian 0.0				

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eit 3 If eit	Reference Identification Mandatory fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requi her C04005 or C04006 is present, then the other is requi 04 contains data relating to the value cited in REF02.						
Comments: Notes:	REF*IX*	REF*IX*LOCNUM (EU-7)*LOCNUM						
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>						
M REF01	128	Reference Identification Qualifier	М	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 actior	AN 1/30 Set or as				

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

Description

content "LOCNUM"

М

REF03

352

X AN 1/80

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

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

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

Attributes	Liement	<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	te 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 To define types and values of a geographic location Purpose: 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 Summary

	Def	Data		Jummar y		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
54	Attributes		Address Compon	ant Qualifier	84	JD 2/2
М	NX201	1106	Address Compor		Μ	ID 2/2
				e type of address component		
				cation Designator 1		
			13=(DWS: APT)			
			34=(DWS: LOT)			
			35=(DWS: RM)			
			36=(DWS: SLIP) 37=(DWS: UNIT)			
			14=(DWS: SUIT)			
			11-(2000.0011)	·		
			LD2 (EU-19) = Loc	cation Designator 2		
			32=(DWS: FLR)	Ũ		
				cation Designator 3		
			12=(DWS: BLDG			
			63=(DWS: WNG			
			30=(DWS: PIER)) Street Number		
			-	Street Name		
			02			
			03	Prefix Direction		
			05	P.O. Box Number		
			06	Rural Route Number		
			07	City Name		
			12	Building Name		
			13	Apartment Number		

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	14	Suite Number				
	30	Pier				
		The pier at which a ship or boat is doc	ked	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	a sł	nip or boat		
		is docked				
	37	Unit				
		A unit or separate structure				
	39	Unstructured Property				
	40	Street Suffix				
	59	Street Number Low				
	61	Street Number Fraction				
	62	Street Name Suffix				
	63	Secondary Unit Identifier				
166	Address Informa	tion	М	AN 1/55		
	Address information					
	· · · · · ·	Service Address Number				
		Service Address Street Name	v			
	SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box					
	ROUTE (EU-23b) = Route					
	CITY (EU-24) = City					
	AHN (EU-23a) = Assigned House Number					
	SASS (EU-16) = Service Address Street Directional Suffix					
	SAPR (EU-10) = Service Address Number Prefix SASF (EU-12) = Service Address Number Suffix					
	SATH (EU-12) = Service Address Number Sumx SATH (EU-15) = Service Address Street Type					
	LV1 (EU-18) = Location Value 1					
	LV2 (EU-20) = Location Value 2					
	LV3(EU-22) = Loc					

NX202

Segment:	SI Service Characteristic Identification
Position:	4050
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*AF*AFT (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:	To specify basic and most frequently used line item data				
Syntax Notes:	 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 PO122 or PO125 is present, then the other is required.				
Semantic Notes:					
Comments:	1 See the Data Element Dictionary for a complete list of IDs.				
oonnonto.	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*EU_DISC [PO1 Loop may repeat]				
	Data Element Summary				
Ref.	Data				
Des.	Element Name				
<u>Attributes</u>					
PO101	350 Assigned Identification O AN 1/20				

Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	l
		"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 expre manner in which a measurement has been taken	esse	d, or

		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	ber u	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.
	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 S	Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
SI01	559	Agency Qualifier	Code	М	ID 2/2
		Code identifying the	ne agency assigning the code values		
		TI	Telecommunications Industry		
SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
		Code from an induction characteristics	ustry code list qualifying the type of se	rvice	•
		ND	Disconnect Number		
		Т6	Transfer of Calls Options		
SI03	234	Product/Service	ID	Μ	AN 1/48
		Identifying number	r for a product or service		
		· ·	· · ·		
		TC OPT (EU-57) =	= Transfer of Call Options		
	Des. Attributes SI01 SI02	Des. AttributesElementSl01559Sl021000	Ref. Data Des. Element Name Attributes Si01 559 Agency Qualifier Si01 559 Agency Qualifier Code identifying th TI Si02 1000 Service Character Code from an induction of the characteristics ND T6 Si03 234 Product/Service Identifying number DISC NBR (EU-55)	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 M Si02 1000 Service Characteristics Qualifier M Si02 1000 Service Characteristics Qualifier M Code from an industry code list qualifying the type of service characteristics ND Disconnect Number ND Disconnect Number M Si03 234 Product/Service ID M Identifying number for a product or service M DISC NBR (EU-55) = Disconnect Telephone Number M

	Segment: Position: Loop:	REF 1000 PO1	Reference Identification				
	Level:	Detail					
	Usage:	Optional					
	Max Use:	>1	e e e e e e				
	Purpose:		fy identifying information				
	Syntax Notes:	2 If eit					
Se	mantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.					
	Notes:	REF*IX*DNUM (EU-54)*DNUM					
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>				
	<u>Attributes</u> REF01	128	Reference Identification Qualifier	м	ID 2/3		
•	NEI OT	120	Code qualifying the Reference Identification IX Item Number				
	REF02	127	Reference Identification	Х	AN 1/30		
			Reference information as defined for a particular Tran specified by the Reference Identification Qualifier	saction	Set or as		
			DNUM (EU-54) = Disconnect Line Number				

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

М

REF03

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Description

content "DNUM" X AN 1/80

Position: Loop: Level: Usage: Max Use:	DTM Date/Time Reference 2100 PO1 Mandatory Detail Optional 10					
-		y pertinent dates and times				
-	 At least one of DTM02 DTM03 or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required. 					
Semantic Notes:						
Comments:	DTM					
Notes:	DTM*376*TC PER{CCYYMMDD} (EU-62)					
Ref.	Data	Data Element Summary				
	Element	<u>Name</u>				
I DTM01	374	Date/Time Qualifier N	1 ID 3/3			
		Code specifying type of date or time, or both date and time	9			
		376 Delivery End				
		The date that deliveries will end				
DTM02	373	Date X	DT 8/8			
		Date expressed as CCYYMMDD				
		TC PER (EU-62) = Transfer of Calls Period				

Segment:	JLIN	Subline Item Detail				
Position:	4700					
Loop:	SLN	Optional				
Level:	Detail					
Usage: Max Use:	Optional 1					
Purpose:	-	fy product subline detail item data				
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.				
•		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.				
		02 is the identifying number for the subline level. The subline				
		l is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the				
		ine item to the baseline item.				
		08 is a code indicating the relationship of the price or amount to				
		associated segment.				
Comments:	1 See	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 pach item. For example: Case, Color, Drawing No., U.P.C. No.,				
		No., Model No., or SKU.				
Notes:		PRI*n*A*1*EA				
		Data Element Summary				
Ref.	Data					
Des.	<u>Element</u>	Name				
Attributes SLN01	350	Assigned Identification M AN 1/20				
I SLINUT	330	-				
		Alphanumeric characters assigned for differentiation within a transaction set				
		"TCPRI"				
SLN02	350	Assigned Identification O AN 1/20				
OLINUZ	000	Alphanumeric characters assigned for differentiation within a				
		transaction set				
		"n" = nth assigned ID within SLN Loop				
SLN03	662	Relationship Code M ID 1/1				
021100						

Code indicating the relationship between entities

Always one

Add

А

1

380

Quantity

Numeric value of quantity

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

Ν.
IVI

Μ

SLN04

Updated: April 12, 2002

69	

X R 1/15

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

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.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	vice	•
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (EU-58) = 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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (EU-58b)

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

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	 REF Reference Identification 5800 N1 Optional Detail Optional 12 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.
Notes:	REF*55*TCID (EU-58a)*PRI
Ref. <u>Des.</u> <u>Attributes</u>	Data Element Summary Data <u>Element</u> <u>Name</u>

Reference Identification Qualifier

Reference Identification

Code qualifying the Reference Identification

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

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

128

127

352

55

Description

content "PRI"

REF01

REF02

REF03

ID 2/3

X AN 1/30

X AN 1/80

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 leve 3 SLN item to re 3 SLN for e	Subline Item Detail Optional fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN21 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 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 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. the Data Element Dictionary for a complete list of IDs.
Notes:		SEC*n*A*1*EA [SLN Loop may repeat.]
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary
I SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set "TCSEC"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a

transaction set

А

1

Quantity

Relationship Code

Numeric value of quantity

Qwest Communications International, Inc.

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"n" = nth assigned ID within SLN Loop

Code indicating the relationship between entities

Always one

Add

М

Μ

SLN03

SLN04

Updated: April 12, 2002

662

380

X R 1/15

ID 1/1

М

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

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 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:	 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (EU-61)

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 or an individual TT	an organizational entity, a physical lo Transfer To	ocation	, property
N102	93	Name		Х	AN 1/60
		Free-form name			
		TC NAME (EU-6	 Transfer of Calls to Name 		

Segment:	REF 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.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*55*TCID (EU-60)*SEC
	Data Element Summary
Pof	Data

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

Segment:	PO1	Baseline Item Data - Port Service Form						
Position:	0100							
Loop:	PO1	Mandatory						
Level:	Detail							
Usage:	Mandato	ry						
Max Use:	1							
Purpose:	To spec	fy basic and most frequently used line item data						
Syntax Notes:		0103 is present, then PO102 is required.						
		If PO105 is present, then PO104 is required.						
		her PO106 or PO107 is present, then the other is require						
		her PO108 or PO109 is present, then the other is require						
		her PO110 or PO111 is present, then the other is require						
		her PO112 or PO113 is present, then the other is require						
		her PO114 or PO115 is present, then the other is require						
		her PO116 or PO117 is present, then the other is require						
		her PO118 or PO119 is present, then the other is require						
		her PO120 or PO121 is present, then the other is require						
		her PO122 or PO123 is present, then the other is require						
Semantic Notes:	12 If ett	her PO124 or PO125 is present, then the other is require	ea.					
Comments:	1 See	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)e				
		each item. For example: Case, Color, Drawing No., U.P.						
		I No., Model No., or SKU.	0.140	J.,				
Notes:		*EA***ZZ*PS [PO1 Loop may repeat.]						
10100.								
		Data Element Summary						
Ref.	Data	Data Element Gummary						
Des.	Element	Name						
Attributes								
PO101	350	Assigned Identification	0	AN 1/20				
		Alphanumeric characters assigned for differentiation wi	thin a	a				
		transaction set						
		"n" = nth assigned ID within PO1 Loop						
PO102	330	Quantity Ordered	X	R 1/15				

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

Segment:	SI Service Characteristic Identification					
Position:	0180					
Loop:	PO1 Mandatory					
Level:	Detail					
Usage:	Optional					
Max Use:	>1					
Purpose:	To specify service characteristic data					
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.					
-	2 If either SI06 or SI07 is present, then the other is required.					
	3 If either SI08 or SI09 is present, then the other is required.					
	4 If either SI10 or SI11 is present, then the other is required.					
	5 If either SI12 or SI13 is present, then the other is required.					
	6 If either SI14 or SI15 is present, then the other is required.					
	7 If either SI16 or SI17 is present, then the other is required.					
	8 If either SI18 or SI19 is present, then the other is required.					
	9 If either SI20 or SI21 is present, then the other is required.					
Semantic Notes:						
Comments:	1 SI01 defines the source for each of the service characteristics					
	qualifiers.					
Notes:	SITTITSATLNA (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*SY*SSIG (PS-49)					
	SI*TI*PE*PULSE (PS-50)					
	SI TI PE POLSE (PS-50) 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	Μ	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		
			PE	Pulse Type		
			SA	Service Activity		
			SY	Start Signaling		
			T5	Terminal Number		
			Т6	Transfer of Calls Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
Updated: A	April 12, 2002		vest Communication DI Disclosure Docum	,		80

Identifying number 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 PULSE (PS-50) = Type of pulsing

SSIG (PS-49) = Start Signaling

TERS (PS-17) = Terminal Numbers TLI (PS-17a) = Telephone Line Identifier

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

Segment:	PID	Product/Item Description					
Position: Loop: Level:	0500 PID Detail	Optional					
Usage: Max Use:	Optional 1						
Purpose: Syntax Notes:	1 If PI 2 At le	 To describe a product or process in coded or free-form format If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required. 					
Semantic Notes:	 If PID07 is present, then PID03 is required. If PID08 is present, then PID04 is required. If PID09 is present, then PID05 is required. Use PID03 to indicate the organization that publishes the code list being referred to. PID04 should be used for industry-specific product description 						
Comments:	 codes. 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. PID09 is used to identify the language being used in PID05. 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. Use PID06 when necessary to refer to the product surface or layer being described in the segment. PID07 specifies the individual code list of the agency specified in 						
Notes:	PID(PID*X**)3. TI*CFA*CFA (PS-46)					
Ref. Des.	Data <u>Element</u>	Data Element Summary <u>Name</u>					
<u>Attributes</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	Reference Iden	tification		
Position:	1000				
Loop:	PO1	Mandatory			
Level:	Detail				
Usage:	Optional				
Max Use:	>1	fuidentifuing inform	notion		
Purpose: Syntax Notes:		fy identifying inform	or REF03 is required.		
Oymax Notes.			4004 is present, then the other is r	equired.	
			4006 is present, then the other is r	•	
Semantic Notes:			elating to the value cited in REF02		
Comments:					
Notes:		LNUM (PS-9)*LNU	IM		
		*TSP (PS-27)			
	REFAE	*SAN (PS-28)			
		Data Element	Summary		
Ref.	Data		,		
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
A REF01	128		ification Qualifier	М	ID 2/3
		Code qualifying the	ne Reference Identification		
		AE	Authorization for Expense (AFE)	Number	
		GP	Government Priority Number		
		IX	Item Number		
REF02	127	Reference Identi	fication	Х	AN 1/30
		Reference information	ation as defined for a particular Tra	ansaction	Set or as
			Reference Identification Qualifier		
		LNUM (PS-9) = L	ine Numher		
		. ,			
		TSP (PS-27) = Te	elecommunications Service Priority	y	
REENS	350	TSP (PS-27) = Te SAN (PS-28) = S			AN 1/80
REF03	352	TSP (PS-27) = Te SAN (PS-28) = S Description	elecommunications Service Priority ubscriber Authorization Number	X	AN 1/80
REF03	352	TSP (PS-27) = Te SAN (PS-28) = Se Description A free-form descri	elecommunications Service Priority	X	
REF03	352	TSP (PS-27) = Te SAN (PS-28) = S Description	elecommunications Service Priority ubscriber Authorization Number	X	

Updated: April 12, 2002

Segment: Position: Loop: Level: Usage:	DTN 2100 PO1 Detail Optional	Mandato	ime Reference ry		
Max Use: Purpose:	10 To speci	fy pertiner	nt dates and times		
Syntax Notes:	 At least one of DTM02 DTM03 or DTM05 is required. If DTM04 is present, then DTM03 is required. If either DTM05 or DTM06 is present, then the other is required. 				
Semantic Notes: Comments:					
Notes:	DTM*376*TC PER{CCYYMMDD} (PS-38)				
		Data E	Element Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
DTM01	374	Date/Tim	ne Qualifier M	ID 3/3	
		Code spe	ecifying 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 ⊧	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:	1 At le	east 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 tran	segment, used alone, provides the most efficient method or riding organizational identification. To obtain this efficiency t Code" (N104) must provide a key to the table maintained by saction processing party. 5 and N106 further define the type of entity in N101.	he
Notes:	N1*P9**	41*PIC (PS-22)	
Ε.		Data Element Summary	
Ref.	Data	Nome	
<u>Des.</u>	<u>Element</u>	Name	
Attributes	98	Entity Identifier Code	/ ID 2/3
N101	30		
		Code identifying an organizational entity, a physical location or an individual	on, property

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

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

interexchange calls

PIC (PS-22) = InterLATA Pre-subscription Indicator Code

being billed

Code identifying a party or other code

Code designating the system/method of code structure used for

P9

41

Identification Code Qualifier

Identification Code (67)

Identification Code

66

67

Μ

N103

N104

X ID 1/2

X AN 2/80

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

		Data Element	Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier C	Code	М	ID 2/3
		Code identifying a or an individual	n organizational entity, a physical lo	cation	, property
		8V	Primary Intra-LATA (Local Access Carrier	Transp	oort Area)
N103	66	Identification Co	de Qualifier	Х	ID 1/2
		Code designating Identification Code 41	the system/method of code structure e (67) Telecommunications Carrier Identi		
			Identifies the Interexchange carrier being billed	for the	e charges
N104	67	Identification Co	de	Х	AN 2/80
		Code identifying a	party or other code		
		LPIC (PS-23) = In	traLATA Pre-subscription Indicator (Code	

•		Subline Item Detail		
Segment:		Subline Item Detail		
Position:	4700 SLN	Optional		
Loop: Level:	Detail	Optional		
Usage:	Optional			
Max Use:	1			
Purpose:		fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required	J.	
		N07 is present, then SLN06 is required. N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is required	J.	
		ner SLN11 or SLN12 is present, then the other is required		
		ner SLN13 or SLN14 is present, then the other is required		
		her 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		
		her SLN21 or SLN22 is present, then the other is required		
		ner SLN23 or SLN24 is present, then the other is required		
		her SLN25 or SLN26 is present, then the other is required		
Semantic Notes:		ner SLN27 or SLN28 is present, then the other is required 01 is the identifying number for the subline item.	ג.	
Cemanito Notes.		D2 is the identifying number for the subline level. The sub	line	
	level	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
		issociated segment.	ount	10
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the bas		
		number. Example: 1.1 or 1A might be used as a subline late to baseline number 1.	num	ber
		09 through SLN28 provide for ten different product/servic	e IDs	5
		ach item. For example: Case, Color, Drawing No., U.P.C		
		I No., Model No., or SKU.		
Notes:	SLN^TCI	PRI*n*A*1*EA		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
Attributes A SLN01	350	Assigned Identification	м	AN 1/20
A SENUT	330	Alphanumeric characters assigned for differentiation wit		
		transaction set	mια	
		"TCPRI"		
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with	hin a	
		transaction set		
	660	"n" = nth assigned ID within SLN Loop	М	
A SLN03	662	Relationship Code Code indicating the relationship between entities	IVI	ID 1/1
		A Add		
SLN04	380	Quantity	х	R 1/15
JLINU4	500	Summer in the state of the	^	IX 1/10

- Numeric value of quantity
- 1Always one2002Qwest Communications International, Inc.
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М

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

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 (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:	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:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101. 							
Notes:	N1*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:	REF Reference Identification				
Position:	5800				
Loop:	N1 Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	12				
Purpose:	To specify identifying information				
Syntax Notes:	 At least one of REF02 or REF03 is required. 				
	2 If either C04003 or C04004 is present, then the other is required.				
	3 If either C04005 or C04006 is present, then the other is required.				
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.				
Comments:					
Notes: REF*55*TCID (PS-34a)*PRI					
	Data Element Summary				
Ref.	Data				
Des	Element Name				

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Des.	<u>Element</u>	<u>Name</u>		
<u>Attribut</u>	es			
REF0	1 128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF0	2 127	Reference Identification	Х	AN 1/30
Reference information as defined for a particular Transaction Se specified by the Reference Identification Qualifier				
DEEO		TCID (PS-34a) = Transfer of Calls to Identifier	V	
REF0	3 352	Description	X	AN 1/80
		A free-form description to clarify the related data ele content	ements ar	nd their
		"PRI"		

0		Subline Item Detail				
Segment:		Subline item Detail				
Position:	4700					
Loop:	SLN	Optional				
Level:	Detail					
Usage:	Optional					
Max Use: Purpose:	1 To open	fu product subling datail item data				
Syntax Notes:		fy product subline detail item data her SLN04 or SLN05 is present, then the other is required.				
Syntax Notes.		.N07 is present, then SLN06 is required.				
		N08 is present, then SLN06 is required.				
		her SLN09 or SLN10 is present, then the other is required.				
		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.				
Cemando Notes.	2 SLN02 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.				
	4 SLN	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]				
D -(Data	Data Element Summary				
Ref. <u>Des.</u>	Data	Namo				
Attributes	<u>Element</u>	Nalle				
A SLN01	350	Assigned Identification M AN 1/20				
•=		Alphanumeric characters assigned for differentiation within a				
		transaction set				
		"TCSEC"				
SLN02	350	Assigned Identification O AN 1/20				
		Alphanumeric characters assigned for differentiation within a				
		transaction set				

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation with	thin a	a
			transaction set		
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with	thin a	a
			transaction set		
			"n" = nth assigned ID within SLN Loop		
М	SLN03	662	Relationship Code	Μ	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			1 Always one		
			vest Communications International, Inc. DI Disclosure Document – Version 9.0		92

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

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

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	<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	М	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 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:	 At least one of N102 or N103 is required. 							
	2 If either N103 or N104 is present, then the other is required.							
Semantic Notes:								
Comments:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101. 							
Notes:	N1*TT*TC NAME (PS-37)							

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 p or an individual TT Transfer To	hysical location, property
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (PS-37) = Transfer of Calls to Nar	ne

Segment:	REF 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.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*55*TCID (PS-36)*SEC
	Data Element Summary
Ref.	Data

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

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Des.

Attributes

REF01

REF02

REF03

Element Name

55

Description

content

128

127

352

content
"SEC"

M ID 2/3

X AN 1/30

AN 1/80

Х

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	4700 SLN Detail Optional 1 To speci 1 If eitt 2 If SL 3 If SL 4 If eitt 5 If eitt 5 If eitt 6 If eitt 10 If eitt 11 If eitt 12 If eitt 13 If eitt 13 If eitt 13 If eitt 13 SLN 2 SLN 1 See 2 SLN 1 SE	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required her SLN11 or SLN12 is present, then the other is required her SLN13 or SLN14 is present, then the other is required her SLN15 or SLN16 is present, then the other is required her SLN17 or SLN18 is present, then the other is required her SLN19 or SLN20 is present, then the other is required her SLN21 or SLN20 is present, then the other is required her SLN21 or SLN22 is present, then the other is required her SLN23 or SLN26 is present, then the other is required her SLN27 or 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 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 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 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 for the subline level. The sub is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of ne item to the baseline item. 08 is a code indicating the relationship of the price or am associated segment. the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the bas number. Example: 1.1 or 1A might be used as a subline late to baseline number 1. 09 through SLN28 provide for ten different product/servic	d. d. d. d. d. d. d. d. d. the ount seline numl	e ber
Natao	ISBN	ach item. For example: Case, Color, Drawing No., U.P.C I No., Model No., or SKU.	. No.	,
Notes:	SLIN BL	in*A*1*EA		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	Name		
<u>Attributes</u> A SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation with transaction set "BL"	M hin a	AN 1/20
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	hin a	
A SLN03	662	"n" = nth assigned ID within SLN Loop Relationship Code	м	ID 1/1
	502	Code indicating the relationship between entities A Add		
SLN04	380	Quantity Numeric value of quantity	X	R 1/15

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 Always one

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М

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

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

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			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		

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	QL NI	
Segment:	SLN Subline Item Detail	
Position:	4700	
Loop:	SLN Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify product subline detail item data	
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.	
	2 If SLN07 is present, then SLN06 is required.	
	3 If SLN08 is present, then SLN06 is required.	
	4 If either SLN09 or SLN10 is present, then the other is required.	
	5 If either SLN11 or SLN12 is present, then the other is required.	
	6 If either SLN13 or SLN14 is present, then the other is required.	
	7 If either SLN15 or SLN16 is present, then the other is required.	
	8 If either SLN17 or SLN18 is present, then the other is required.	
	9 If either SLN19 or SLN20 is present, then the other is required.	
	10 If either SLN21 or SLN22 is present, then the other is required.	
	11 If either SLN23 or SLN24 is present, then the other is required.	
	12 If either SLN25 or SLN26 is present, then the other is required.	
	13 If either SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:	1 SLN01 is the identifying number for the subline item.	
	2 SLN02 is the identifying number for the subline level. The subline	
	level is analogous to the level code used in a bill of materials.3 SLN03 is the configuration code indicating the relationship of the	
	3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.	
	 Submer term to the baseline item. SLN08 is a code indicating the relationship of the price or amount to 	~
	the associated segment.	5
Comments:	1 See the Data Element Dictionary for a complete list of IDs.	
Comments.	See the Data Element Dictionary for a complete list of iDs.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	er
	to relate to baseline number 1.	51
	3 SLN09 through SLN28 provide for ten different product/service IDs	
	for each item. For example: Case, Color, Drawing No., U.P.C. No.,	
	ISBN No., Model No., or SKU.	
Notes:	SLN*FA*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]	
	- Ferrer Frank and a ferrer frank and a ferrer frank and a ferrer frank and a ferrer frank and a ferrer frank a	
	Data Element Summary	
Ref.	Data	
Des.	Element Name	
Attributes		
A SLN01	350 Assigned Identification M A	AN [·]
	Alphanumeric characters assigned for differentiation within a	
	transaction set	

			transaction 3			
			"FA"			
	SLN02	350	Assigned Ic	lentification	0	AN 1/20
			Alphanumer transaction s	ic characters assigned for differentiation	on within a	а
			"n" = nth as	signed ID within SLN Loop		
М	SLN03	662	Relationshi	p Code	М	ID 1/1
			Code indicat	ing the relationship between entities		
			А	Add		
	SLN04	380	Quantity		Х	R 1/15
			Numeric valu	ue of quantity		
			1	Always one		
				ations International, Inc. ocument – Version 9.0		100

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М

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

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.
ey max neteel	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.
Semantic Notes:	9 If either SI20 or SI21 is present, then the other is required.
	A Clot defines the second for each of the service sharestaristics
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	М	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	stry code list qualifying the type of ser	vice	
			FD	Feature Data		
			SA	Service Activity		
М	SI03	234	Product/Service I	D	Μ	AN 1/48
			Identifying number	for a product or service		
			CF = (DWS: C- C T = (DWS: T-0	dd) bisconnect) onversion as specified) Change feature detail) Change (New Line))		
				. (PS-60) = Feature Detail		
	SI04	1000	Service Characte	ristics Qualifier	Х	AN 2/2
			Code from an indu characteristics SC	stry code list qualifying the type of ser Service Category	vice	
	SI05	234	Product/Service I	D	Χ	AN 1/48
			Identifying number	for a product or service		
			FEATURE (PS-59)	= Feature Codes		
			. ,			

Sagmanti	PO1	Baseline Item Data - Regular Hunting									
Segment:		Baseline item Data - Regular Hunting									
Position: Loop:	0100 PO1	Mandatory									
Level:	Detail	,									
Usage:	Mandato										
Max Use:	1										
Purpose:		To specify basic and most frequently used line item data									
Syntax Notes:		0103 is present, then PO102 is required.									
		0105 is present, then PO104 is required. her PO106 or PO107 is present, then the other is required.									
		her PO108 or PO109 is present, then the other is required.									
		her PO110 or PO111 is present, then the other is required.									
		her PO112 or PO113 is present, then the other is required.									
		her PO114 or PO115 is present, then the other is required.									
		her PO116 or PO117 is present, then the other is required. her PO118 or PO119 is present, then the other is required.									
		her PO120 or PO121 is present, then the other is required.									
		her PO122 or PO123 is present, then the other is required.									
• ·· · · · ·	12 If eit	her PO124 or PO125 is present, then the other is required.									
Semantic Notes: Comments:	1 500	the Date Element Dictionany for a complete list of IDs									
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	IDs								
	•	each item. For example: Case, Color, Drawing No., U.P.C.	No.,								
Neres		No., Model No., or SKU.	- 1								
Notes:	PO1^n^1	*EA***ZZ*HG [If this segment appears, HNTYP (LSR-116)	= 5]								
		Data Element Summary									
Ref.	Data										
Des.	Element	Name									
<u>Attributes</u>	050										
PO101	350	Assigned Identification C									
		Alphanumeric characters assigned for differentiation withir transaction set	ia								
		"n" = nth assigned ID within PO1 Loop									
PO102	330	Quantity Ordered	R 1/15								
	Quantity ordered										
		1 Always one									
PO103	355	Unit or Basis for Measurement Code C) ID 2/2								
		Code specifying the units in which a value is being expres manner in which a measurement has been taken	sed, or								

		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	iber u	ised in
PO107	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
		"HG"		

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

				Junnary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	er Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charac	teristics Qualifier	Μ	AN 2/2
			Code from an in-	dustry code list qualifying the type of se	rvice	•
			characteristics			
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
Μ	SI03	234	Product/Service	e ID	Μ	AN 1/48
			Identifying numb	er for a product or service		
			HA (LSR-112) =	Hunt Group Activity		
			A=(DWS: N-N	lew)		
			C=(DWS: C-C			
			D=(DWS: D-R	· ·		
			V=(DWS: V-C	onversion as specified)		
				- Hunt Group Identifier		
			· · · ·	6) = Hunting Type Code		
			•	VS: 5-Regular/Series)		
			•	VS: 4-Multi-Line)		

Commonte	RFF	Reference Identification		
Segment:		Reference identification		
Position:	1000	N I		
Loop:	PO1	Mandatory		
Level:	Detail			
Usage: Max Use:	Optional			
	>1	fuidentifuing information		
Purpose: Syntax Notes:		fy identifying information east one of REF02 or REF03 is required.		
Syntax Notes.		her C04003 or C04004 is present, then the other is require	Ы	
		her C04005 or C04006 is present, then the other is require		
Semantic Notes:		04 contains data relating to the value cited in REF02.	u.	
Comments:	1 1121			
Notes:	REF*IX*	LOCNUM (LSR-109)*LOCNUM		
		HNUM (LSR-110)*HNUM		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes				
	128		М	ID 2/3
	128	Reference Identification Qualifier	М	ID 2/3
	128		М	ID 2/3
	128 127	Code qualifying the Reference Identification IX Item Number	M X	ID 2/3 AN 1/30
A REF01	-	Code qualifying the Reference Identification IX Item Number Reference Identification 2	x	AN 1/30
M REF01	-	Code qualifying the Reference Identification IX Item Number Reference Identification X Reference information as defined for a particular Transact	x	AN 1/30
M REF01	-	Code qualifying the Reference Identification IX Item Number Reference Identification 2	x	AN 1/30
M 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
M REF01	-	Code qualifying the Reference Identification IX Item Number IX Item Number IX Reference Identification IX IX LOCNUM (LSR-109) = Location Number IX IX HNUM (LSR-110) = Hunt Number IX IX	x	AN 1/30
A REF01 REF02	127	Code qualifying the Reference Identification IX Item Number IX Item Number IX Reference Identification IX IX LOCNUM (LSR-109) = Location Number IX IX HNUM (LSR-110) = Hunt Number IX IX	X tion X	AN 1/30 Set or as AN 1/80
A REF01 REF02	127	Code qualifying the Reference Identification IX Item Number IX Item Number Item Number Reference Identification IX Item Number Reference Identification IX Item Number Reference Identification IX Item Number LOCNUM (LSR-109) = Location Number Item Number HNUM (LSR-110) = Hunt Number Item Number Description Item Number	X tion X	AN 1/30 Set or as AN 1/80
A REF01 REF02	127	Code qualifying the Reference Identification IX Item Number IX Item Number Item Number Reference Identification IX Item Number Reference Identification IX Item Number Reference Identification IX Item Number LOCNUM (LSR-109) = Location Number INUM (LSR-110) = Hunt Number Description IX A free-form description to clarify the related data elements	X tion X	AN 1/30 Set or as AN 1/80
A REF01 REF02	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 IX	X tion X	AN 1/30 Set or as AN 1/80

Updated: April 12, 2002

Segment:	SLN	Subline Item Detail		
Position:	4700			
Loop:	SLN	Optional		
Level:	Detail	·		
Usage:	Optional			
Max Use:	1			
Purpose:		fy product subline detail item data		
Syntax Notes:		ner SLN04 or SLN05 is present, then the other is required	1.	
		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.	ł.	
		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		
		her SLN17 or SLN18 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		
		her SLN23 or SLN24 is present, then the other is required		
		her SLN25 or SLN26 is present, then the other is required		
		ner SLN27 or SLN28 is present, then the other is required		
Semantic Notes:		01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The sub		
		is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of		
		ne item to the baseline item.	uic	
		08 is a code indicating the relationship of the price or am	ount	to
		issociated segment.		
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the bas		
		number. Example: 1.1 or 1A might be used as a subline late to baseline number 1.	num	oer
		09 through SLN28 provide for ten different product/servic	e IDs	3
		ach item. For example: Case, Color, Drawing No., U.P.C		
		I No., Model No., or SKU.		
Notes:	SLN*HN	T*n*A*1*EA		
		Data Flamout Cummons		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
M SLN01	350	Assigned Identification	М	AN 1/20
		Alphanumeric characters assigned for differentiation with	nin a	
		transaction set		
01 1100	050	"HNT"	•	
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with transaction set	nin a	
		"n" = nth assigned ID within SLN Loop		
M SLN03	662	Relationship Code	м	ID 1/1
	~~~	Code indicating the relationship between entities		
		A Add		
SLN04	380	Quantity	х	R 1/15
JLINU4	500	wantity	^	IX 1/10

Numeric value of quantity

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Always one

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Updated: April 12, 2002

	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures / examples of use) Unit or Basis for Measurement Code	Appei <b>M</b>	ndix for ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	resse	ed, or

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 Transaction Set specified by the Reference Identification Qualifier "HTSEQ"				

Segment:	MT)	Text		
Position:	5250			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:		fy textual data		
Syntax Notes:		TX01 is present, then MTX02 is required.		
Syntax Notes.		TX01 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines before	e prii	nt",
		MTX05 is required.		
Notes:	MTX**H	TSEQ (LSR-118)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

HTSEQ (LSR-118) = Hunting Sequence

Segment:	P01	Baseline Item Data - Multi-Line Hunting		
Position:	0100	-		
Loop:	PO1	Mandatory		
Level: Usage:	Detail Mandato	n/		
Max Use:	1	Ty		
Purpose:		fy basic and most frequently used line item data		
Syntax Notes:	1 If PC	0103 is present, then PO102 is required.		
		0105 is present, then PO104 is required.		
		her PO106 or PO107 is present, then the other is require her PO108 or PO109 is present, then the other is require		
		her PO110 or PO111 is present, then the other is require		
		her PO112 or PO113 is present, then the other is require		
		her PO114 or PO115 is present, then the other is require		
		her PO116 or PO117 is present, then the other is require		
		her PO118 or PO119 is present, then the other is require her 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	əd.	
Semantic Notes: Comments:	1 500	the Date Floment Dictionary for a complete list of IDa		
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/servi	ice IC	)s
	•	each item. For example: Case, Color, Drawing No., U.P.	C. No	D.,
Notes:		No., Model No., or SKU. *EA***ZZ*ML [This segment appears, HNTYP (LSR-11)	6)	41
NOLES.	FULLI	EA ZZ ME [This segment appears, HNTTP (LSK-TT	0) = 4	+]
		Data Element Summary		
Ref.	Data			
<u>Des.</u> Attributes	<u>Element</u>	Name		
<u>Attributes</u> PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wi	ithin 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	0	ID 2/2

		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 nun 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		
		"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> </ol>
Semantic Notes:	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*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	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of se	rvice	1
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
Μ	SI03	234	<b>Product/Service</b>	ID	Μ	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:	REF	Reference Identification		
Posi tion:	1000			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1	e in veri i e vi		
Purpose:		ify identifying information east one of REF02 or REF03 is required.		
Syntax Notes:		her C04003 or C04004 is present, then the other is required.	Ч	
		her C04005 or C04006 is present, then the other is required		
Semantic Notes:		Of contains data relating to the value cited in REF02.	u.	
Comments:		of contains data relating to the value sited in rter oz.		
Notes:	<b>REF*IX*</b>	LOCNUM (LSR-109)*LOCNUM		
		HNUM (LSR-110)*HNUM		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>	Element		-	
Attributes		Reference Identification Qualifier	Λ	ID 2/3
<u>Attributes</u>	Element		Λ	ID 2/3
<u>Attributes</u>	Element	Reference Identification Qualifier	Λ	ID 2/3
<u>Attributes</u>	Element	Reference Identification Qualifier         N           Code qualifying the Reference Identification         Image: Code qualifying the Reference Identification		ID 2/3 AN 1/30
<u>Attributes</u> N REF01	Element 128	Reference Identification QualifierNCode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationXReference information as defined for a particular Transactispecified by the Reference Identification Qualifier	(	AN 1/30
<u>Attributes</u> M REF01	Element 128	Reference Identification QualifierMCode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationXReference information as defined for a particular Transactispecified by the Reference Identification QualifierLOCNUM (LSR-109) = Location Number	(	AN 1/30
<u>Attributes</u> N REF01	Element 128	Reference Identification QualifierNCode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationXReference information as defined for a particular Transactispecified by the Reference Identification Qualifier	<b>(</b> ion	AN 1/30
Attributes REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference information as defined for a particular Transaction       X         Specified by the Reference Identification Qualifier       LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number       K	( ion	AN 1/30 Set or as AN 1/80
Attributes REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference information as defined for a particular Transactis         specified by the Reference Identification Qualifier         LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number         Description       X	( ion	AN 1/30 Set or as AN 1/80
Attributes REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference 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       X	( ion	AN 1/30 Set or as AN 1/80
Attributes REF01 REF02	Element 128 127	Reference Identification Qualifier       M         Code qualifying the Reference Identification       IX         IX       Item Number         Reference Identification       X         Reference Identification Qualifier       LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number       Description         Description       X         A free-form description to clarify the related data elements content	( ion	AN 1/30 Set or as AN 1/80

Updated: April 12, 2002

<b>0</b>		Subline Item Detail		
Segment:		Subline Item Detail		
Position: Loop:	4700 SLN	Optional		
Level:	Detail	Optional		
Usage:	Optional			
Max Use:	1 T			
Purpose: Syntax Notes:		fy product subline detail item data her SLN04 or SLN05 is present, then the other is required	4	
eymax nereer		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 SLN12 is present, then the other is required		
	7 If eit	her SLN15 or SLN16 is present, then the other is required	d.	
		her SLN17 or SLN18 is present, then the other is required		
		her SLN19 or SLN20 is present, then the other is required her SLN21 or SLN22 is present, then the other is required		
		her SLN23 or SLN24 is present, then the other is required		
		her SLN25 or SLN26 is present, then the other is required		
Semantic Notes:		her SLN27 or SLN28 is present, then the other is required 01 is the identifying number for the subline item.	J.	
Semantic Notes.		02 is the identifying number for the subline level. The sub	oline	
	level	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
		associated segment.		
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the bas number. Example: 1.1 or 1A might be used as a subline		
		late to baseline number 1.	nunn	
		09 through SLN28 provide for ten different product/servic		
		ach item. For example: Case, Color, Drawing No., U.P.C I No., Model No., or SKU.	. No.	,
Notes:		NT*n*A*1*EA		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
<u>Attributes</u>				
A SLN01	350	Assigned Identification	M	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	nın a	
		"MHNT"		
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit	hin a	
		transaction set		
	660	"n" = nth assigned ID within SLN Loop	м	
A SLN03	662	Relationship Code Code indicating the relationship between entities	IVI	ID 1/1
		A Add		
SLN04	380	Quantity	х	R 1/15
		Numeric value of quantity		• •

Numeric value of quantity 1 Always one

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	SLN05	C001	Composite Unit of Measure	Х	
M	C00101	355	To identify a composite unit of measure (See Figures A examples of use) Unit or Basis for Measurement Code	vppei M	ndix for 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	ed, or

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:	<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 befor	e pri	nt",
	then MTX05 is required.		
Notes:	MTX**HTSEQ (LSR-118)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>	i de la constante de la constante de la constante de la constante de la constante de la constante de la constan		
MTX02	1551 Message Text	Х	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.
	<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.
	2 PO101 is the line item identification.
	<b>3</b> PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
NL /	ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*DA [PO1 Loop repeats DDQTY (DL-23) times]

Ref.	Data	News		
<u>Des.</u> Attributos	<u>Element</u>	Name		
<u>Attributes</u> PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit transaction set	hin a	1
		"n" = nth assigned ID within PO1 Loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always one		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or
PO106	235	Product/Service ID Qualifier	Χ	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.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*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	5	
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of s characteristics AD Address Activity	service	9
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			DACT (DL-81) = Delivery Activity		

Segment:	QTY Quantity
Position:	2930
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	<ol> <li>At least one of QTY02 or QTY04 is required.</li> </ol>
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 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

	Ret.	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 Directories for Annual	Deliv	very
	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	∋sse	d, or
			Number of directory books delivered	to c	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.	Element	Name			
	Attributes	070				
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2	
			Code specifying the type of quantity			
			38 Original Quantity			
	QTY02	380	Quantity	Х	R 1/15	
			Numeric value of quantity			
			DIRQTYNC (DL-104) = Number of Directories Delivered	on	New	
			Connect			
	QTY03	C001	Composite Unit of Measure	0		
			To identify a composite unit of measure (See Figures 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 expression 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.
	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	n organizational entity, a physical loca	tion,	, property
		DA	Delivery Address		
N102	93	Name		Х	AN 1/60
		Free-form name			
		"DELNAME"			

Segment:	<b>N4</b> a	Geographic Location		
Position:	3800			
Loop:	N1	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	•	fy the geographic place of the named party		
Syntax Notes:		one of N402 or N407 may be present.		
		106 is present, then N405 is required.		
	3 If N4	107 is present, then N404 is required.		
Semantic Notes:				
Comments:		mbination of either N401 through N404, or N405 and N40	)6 m	lay
		dequate to specify a location.		
Netes		2 is required only if city name (N401) is in the U.S. or Car	iada	•
Notes:	IN4 51 <i>F</i>	ATE (DL-99)*ZIP (DL-100)		
Ref.	Data	Data Element Summary		
		Nama		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
N402	156	State or Province Code	х	ID 2/2
	100			
		Code (Standard State/Province) as defined by appropria	le g	overnment
		agency STATE (DL-99) = State/Province		
NACO	446		~	ID 2/45
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding p	Junc	tuation and

blanks (zip code for United States) ZIP (DL-100) = ZIP/Postal Code

#### 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*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 Element	Name			
	Attributes		<u></u>			
Μ	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	М	AN 1/55
			Address information	on		
				<ul> <li>Delivery Address Street Number</li> <li>Delivery Address Street Name</li> </ul>		
			````	Delivery Address Street Directional F	Prefix	,
			CITY (DL-98) = Ci	•		
				= Delivery Address Location		
			. ,	Delivery Address Street Directional	Suffix	K
			· · · · · ·	Delivery Address Number Prefix Delivery Address Number Suffix		
				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.
	2 PO101 is the line item identification.
	<b>3</b> PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
Notes:	ISBN No., Model No., or SKU. PO1*n*1*EA***ZZ*DL*SH*RTY (DL-12) [PO1 Loop may repeat]
notes:	FOT IT ER ZZ DE SE KTY (DE-12) [FOT LOOP IIIay Tepeal]

			Data Element Summary		
	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 with	hin a	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	0	ID 2/2
			Code specifying the units in which a value is being expr		
			manner in which a measurement has been taken	0330	u, 01
			EA Each		
	PO106	235	Product/Service ID Qualifier	х	ID 2/2
			Code identifying the type/source of the descriptive num	oer u	sed in
			Product/Service ID (234)		
			ZZ Mutually Defined		
	PO107	234	Product/Service ID	х	AN 1/48
		-• ·			
			Identitying humber for a broduct of service		
			Identifying number for a product or service		
	DO400	005	"DL"	v	ID 0/0
	PO108	235	"DL" Product/Service ID Qualifier	x	ID 2/2
	PO108	235	"DL" <b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number	~	
	PO108	235	"DL" <b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive numbroduct/Service ID (234)	~	
	PO108	235	"DL" <b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number	~	
Updated: Ap			"DL" <b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive numbroduct/Service ID (234)	~	

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

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	2 If either SI06 or SI07 is present, then the other is required.
	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*LB*LACT (DL-10)
	SI*TI*LE*LTY (DL-13)
	SI*TI*TW*STYC (DL-15)
	SI*TI*BR*TOA (DL-16)
	SI*TI*DG*DOI (DL-17)
	SI*TI*DN*DIRNAME (DL-34)
	SI*TI*BO*BRO (DL-28)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name			
	<u>Attributes</u>		<u>Itume</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 inde characteristics	ustry code list qualifying the type of se	rvice	)
			BO	Business/Residence Placement Ove	rride	
			BR	Directory Listings Type of Account		
			DG	Degree of Indent		
			DN	Directory Book Name		
			LB	Listing Activity Indicator		
			LE	Listing Type		
			TW	Style Code		
М	SI03	234	Product/Service		Μ	AN 1/48
				r for a product or service		
			LTY (DL-13) = Lis STYC (DL-15) = S TOA (DL-16) = Ty	Style Code vpe of Account		
			DOI (DL-17) = De DIRNAME (DL-34)	gree of Indent ) = Directory Name		
				usiness/Residence Placement Override	е	
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_	חום				
Segment:		Product/Item De	scription		
Position:	0500 PID	Ontional			
Loop: Level:	Detail	Optional			
Usage:	Optiona	I			
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.		
			en PID04 is required.		
			en PID05 is required.		
Semantic Notes:			the organization that publishes the co	ode lis	st
		ng referred to.	for industry-specific product descripti	00	
	∠ FID cod		for industry-specific product descripti	011	
			hysical characteristics of the product	identif	ied
	in P	ID04. A "Y" indicat	es that the specified attribute applies		
			it does not apply. Any other value is		
		eterminate.	ify the language being used in PID05.		
Comments:			en PID05 is used. If PID01 equals "S'		n
		•	1 equals "X", then both PID04 and PI		
	use				
			ssary to refer to the product surface of	or laye	er
		ng described in the	segment. dividual code list of the agency specifi	ied in	
	PID		arriadal code list of the agency specifi	cu iii	
Notes:		TI*AR***SO-RSQ*	· · · · ·		
		TI*AS***SO-RSQ*			
		TI*AT***SO-RSQ*/ TI*AW***SO-RSQ*			
		TI*AX***SO-RSQ*			
	PID*S**	TI*AY***SO-RSQ*	TMKT (DL-27)		
	PID*S**	TI*BA***SO-RSQ*	PROF (DL-32)		
		Data Element	Summary		
Ref.	Data				
<u>Des.</u> Attributos	<u>Element</u>	<u>Name</u>			
<u>Attributes</u> M PID01	349	Item Description	n Type	м	ID 1/1
		-	he format of a description		
		S	Structured (From Industry Code Lis	st)	
PID03	559	Agency Qualifie		́х	ID 2/2
		• •	the agency assigning the code values	;	
		TI	Telecommunications Industry		
PID04	751	Product Descrip	-	Х	AN 1/12
		A code from an ir	ndustry code list which provides speci	ific da	ta about a
		product characte			
		AR	Omit Telephone Number		
		AS	Listed Name Placement		
		AT	Address Indicator		
		AW	Direct Mail List		
		AX	No Solicitation Indicator		
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		AY Telemarketing
		BA Professional Identifier
PID07	822	Source Subqualifier O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier SO-RSQ Service Order - Reseller Questions list
PID08	1073	
FIDUO	1075	Code indicating a Yes or No condition or response
		OMTN (DL-41) = Omit TN
		Y = (DWS: O-Omit)
		Blank, Not Populated = (DWS: Blank-Do Not Omit)
		<ul> <li>LNPL (DL-44) = Letter Name Placement</li> <li>Y = (DWS: L-Letter Placement)</li> <li>Blank, Not Populated = (DWS: Blank-Default to Word Placement)</li> <li>ADI (DL-61) = Address Indicator</li> <li>Y = (DWS: O-Omit in DA and directory)</li> <li>Blank, Not Populated = (DWS: Blank-Do not omit)</li> </ul>
		DML (DL-25) = Direct Mail List Y = (DWS: O-Omit) Blank, Not Populated = (DWS: Blank-Do Not Omit)
		TMKT (DL-27) = Telemarketing Y = (DWS: O-Omit from Telemarketing) Blank, Not Populated = (DWS: Blank-Do Not Omit)
		PROF (DL-32) = Professional Identifier NOSL (DL-26) = 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> </ol>
	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: Comments:	<b>1</b> REF04 contains data relating to the value cited in REF02.
Notes:	REF*LI*ALI (DL-11)
	Data Element Summary
Ref.	Data

ΝЛ
IVI

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

Segment:	N9 Reference Identification
Position:	3300
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*82*PLA

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

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:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*82*LTXTY*LTXTY (DL-57)
	Data Element Summary
Ref.	Data
Des.	Element Name

	Attributes					
	N901	128	Reference Identification Qualifier		ID	2/3
			Code qualifying the Reference Identification 82 Data Item Description (DID) Referen			
			Specific data elements that the government a contractor to provide and are spelled out specific requirement documents			
	N902	<b>1902</b> 127	Reference Identification	×	AN	1/30
			Reference information as defi specified by the Reference Id	•	on Se	t or as
			"LTXTY"			
	N903	369	Free-form Description	Х	AN	1/45
			Free-form descriptive text			
			LTXTY (DL-57) = Listing Text	Туре		

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**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

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

Segment:	MTX Text		
Position:	3400		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<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>	э prir	nt",
	then MTX05 is required.		
Notes:	MTX**REMARKS (DL-113)		
	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 (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	Μ	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.	
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

Segment:

#### **Data Element Summary**

				inent Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	IN201	1104	Name Con	nponent Qualifier	М	ID 2/2
			Code ident	ifying the 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		Μ	AN 1/60
			Free-form	name		
			LNFN (DL- DES (DL-4 TL (DL-48) TITLE1 (DL NICK (DL-5 DESD (DL- TLD (DL-5 TITLE1D (D	<ul> <li>NLN (DL-45) = Listed Name Last</li> <li>NFN (DL-46) = Listed Name First</li> <li>DES (DL-47) = Designation</li> <li>FL (DL-48) = Title of Lineage</li> <li>FITLE1 (DL-49) = Title of Address 1</li> <li>NICK (DL-54) = Nickname</li> <li>DESD (DL-50a) = Designation for Dual Name</li> <li>FLD (DL-51) = Title of Lineage for Dual Name</li> <li>FITLE1D (DL-52) = Title of Address 1 for Dual Name</li> </ul>		
	IN203	93	Name		0	AN 1/60
			Free-form name			
			LNFN (DL- "TL" "TITLE1" "DESD" "TLD" "TITLE1D"	46) = Listed Name First		
Updated: A	pril 12, 2002	Qw	vest Commun	ications International, Inc.		137

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Segment:	N4 o	Geographic Location				
Position:	3800					
Loop:	N1	Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To spec	fy the geographic place of the named party				
Syntax Notes:	1 Only	one of N402 or N407 may be present.				
	2 If N4	106 is present, then N405 is required.				
	3 If N4	107 is present, then N404 is required.				
Semantic Notes:						
Comments:		mbination of either N401 through N404, or N405 and N406 may				
		dequate to specify a location.				
		2 is required only if city name (N401) is in the U.S. or Canada.				
Notes:	N4**LAS	ST (DL-71)				
		Data Element Summary				
Ref.	Data	Data Element Summary				
Des.	Element	Namo				
<u>Attributes</u>		Name				
N402	156	State or Province Code X ID 2/2				
11-1 <b>5</b> 2	100					
	Code (Standard State/Province) as defined by appropriate government agency					
	LAST (DL-71) = Listed Address State/Province					

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

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

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	NX201	1106	Address Compor	nent Qualifier	М	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 Information	tion	Μ	AN 1/55
			Address information	n		
			LANO (DL-63) = L	isted Address Number		
			LASF (DL-64) = Li	sted Address Number Suffix		
			LASD (DL-65) = L	isted Address Street Directional Prefix		
			LASN (DL-66) = L	isted Address Street Name		
			. ,	isted Address Street Directional Suffix		
				isted Address Number Prefix		
				isted Address Location		
			. ,	sted Address Street Type		
			LALOC $(DL-70) =$	Listed Address Locality		

Position:4050Loop:N1OptionalLevel:DetailUsage:OptionalMax Use:>1Purpose:To specify service characteristic dataSyntax Notes:1If either SI04 or SI05 is present, then the other is required.2If either SI06 or SI07 is present, then the other is required.3If either SI08 or SI09 is present, then the other is required.4If either SI10 or SI11 is present, then the other is required.5If either SI12 or SI13 is present, then the other is required.6If either SI14 or SI15 is present, then the other is required.6If either SI16 or SI17 is present, then the other is required.8If either SI18 or SI19 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9SI01 defines the source for each of the service characteristics qualifiers.Notes:SI*TI*TN*LTN (DL-39) SI*TI*NS*NSTN (DL-40)	Segment:	SI Service Characteristic Identification
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 SI16 or SI17 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.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.	Position:	4050
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 SI16 or SI17 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.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.	Loop:	N1 Optional
Max Use:>1Purpose:To specify service characteristic dataSyntax Notes:1If either Sl04 or Sl05 is present, then the other is required.2If either Sl06 or Sl07 is present, then the other is required.3If either Sl08 or Sl09 is present, then the other is required.4If either Sl10 or Sl11 is present, then the other is required.5If either Sl12 or Sl13 is present, then the other is required.6If either Sl14 or Sl15 is present, then the other is required.6If either Sl16 or Sl17 is present, then the other is required.7If either Sl18 or Sl19 is present, then the other is required.8If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl29Sl29Sl29Sl29Sl2 </th <th>•</th> <th></th>	•	
Max Use:>1Purpose:To specify service characteristic dataSyntax Notes:1If either Sl04 or Sl05 is present, then the other is required.2If either Sl06 or Sl07 is present, then the other is required.3If either Sl08 or Sl09 is present, then the other is required.4If either Sl10 or Sl11 is present, then the other is required.5If either Sl12 or Sl13 is present, then the other is required.6If either Sl14 or Sl15 is present, then the other is required.6If either Sl16 or Sl17 is present, then the other is required.7If either Sl18 or Sl19 is present, then the other is required.8If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9If either Sl20 or Sl21 is present, then the other is required.9Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl19Sl29Sl29Sl29Sl29Sl2 </th <th>Usage:</th> <th>Optional</th>	Usage:	Optional
Syntax Notes:1If either SI04 or SI05 is present, then the other is required.2If either SI06 or SI07 is present, then the other is required.3If either SI08 or SI09 is present, then the other is required.4If either SI10 or SI11 is present, then the other is required.5If either SI12 or SI13 is present, then the other is required.6If either SI14 or SI15 is present, then the other is required.7If either SI16 or SI17 is present, then the other is required.8If either SI18 or SI19 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9If either SI20 or SI21 is present, then the other is required.9SI*TI*TN*LTN (DL-39)	-	
<ul> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <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> <li>If either SI20 or SI21 is present, then the other is required.</li> <li>Semantic Notes:</li> <li>Notes: SI*TI*TN*LTN (DL-39)</li> </ul>	Purpose:	To specify service characteristic data
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.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is required.         9       If either SI20 or SI21 is present, then the other is require	Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
<ul> <li>4 If either SI10 or SI11 is present, then the other is required.</li> <li>5 If either SI12 or SI13 is present, then the other is required.</li> <li>6 If either SI14 or SI15 is present, then the other is required.</li> <li>7 If either SI16 or SI17 is present, then the other is required.</li> <li>8 If either SI18 or SI19 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>9 Semantic Notes:</li> <li>Notes: SI*TI*TN*LTN (DL-39)</li> </ul>	-	2 If either SI06 or SI07 is present, then the other is required.
<ul> <li>4 If either SI10 or SI11 is present, then the other is required.</li> <li>5 If either SI12 or SI13 is present, then the other is required.</li> <li>6 If either SI14 or SI15 is present, then the other is required.</li> <li>7 If either SI16 or SI17 is present, then the other is required.</li> <li>8 If either SI18 or SI19 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>9 Semantic Notes:</li> <li>Notes: SI*TI*TN*LTN (DL-39)</li> </ul>		3 If either SI08 or SI09 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> <li>8 If either SI18 or SI19 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>9 If either SI20 or SI21 is present, then the other is required.</li> <li>1 SI01 defines the source for each of the service characteristics qualifiers.</li> <li>Notes: SI*TI*TN*LTN (DL-39)</li> </ul>		4 If either SI10 or SI11 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.         9       If either SI20 or SI21 is present, then the other is required.         1       SI01 defines the source for each of the service characteristics qualifiers.         Notes:       SI*TI*TN*LTN (DL-39)		5 If either SI12 or SI13 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:       1         Comments:       1         SIO1 defines the source for each of the service characteristics qualifiers.         Notes:       SI*TI*TN*LTN (DL-39)		6 If either SI14 or SI15 is present, then the other is required.
9       If either SI20 or SI21 is present, then the other is required.         Semantic Notes:       1         Comments:       1         SI01 defines the source for each of the service characteristics qualifiers.         Notes:       SI*TI*TN*LTN (DL-39)		7 If either SI16 or SI17 is present, then the other is required.
9       If either SI20 or SI21 is present, then the other is required.         Semantic Notes:       1         Comments:       1         SI01 defines the source for each of the service characteristics qualifiers.         Notes:       SI*TI*TN*LTN (DL-39)		
Semantic Notes:       1       SI01 defines the source for each of the service characteristics qualifiers.         Notes:       SI*TI*TN*LTN (DL-39)		
qualifiers. Notes: SI*TI*TN*LTN (DL-39)	Semantic Notes:	
Notes: SI*TI*TN*LTN (DL-39)	Comments:	1 SI01 defines the source for each of the service characteristics
Notes: SI*TI*TN*LTN (DL-39)		qualifiers.
	Notes:	
		SI*TI*NS*NSTŇ (DL-40)

			Data Element S	ummary		
	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	e agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Character	istics Qualifier	М	AN 2/2
			Code from an indus characteristics	stry code list qualifying the type of se	rvice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
М	SI03	234	Product/Service II	0	Μ	AN 1/48
			Identifying number	for a product or service		
			· · · · · · · · · · · · · · · · · · ·	ed Telephone Number on Standard Telephone Number		
			, /	•		

Segment:	P01	Baseline Item Data - Dummy (DD)	
Position:	0100		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Mandato	ry	
Max Use:	1		
Purpose:		fy basic and most frequently used line item data	
Syntax Notes:		0103 is present, then PO102 is required.	
		0105 is present, then PO104 is required. her PO106 or PO107 is present, then the other is required.	
		her PO108 or PO109 is present, then the other is required.	
		her PO110 or PO111 is present, then the other is required.	
		her PO112 or PO113 is present, then the other is required.	
		her PO114 or PO115 is present, then the other is required.	
		her PO116 or PO117 is present, then the other is required.	
	9 If eit	her PO118 or PO119 is present, then the other is required.	
		her PO120 or PO121 is present, then the other is required.	
		her PO122 or PO123 is present, then the other is required.	
	12 If eit	her PO124 or PO125 is present, then the other is required.	
Semantic Notes:	4 0	the Dete Fleenent Distingent for a complete list of ID-	
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 ID	c.
		each item. For example: Case, Color, Drawing No., U.P.C. No	
	•	No., Model No., or SKU.	-,
Notes:		MMY*1*EA***ZZ*DD	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	Name	
Attributes	250	Assigned Identification	
PO101	350	Assigned Identification O	AN 1/20
		Alphanumeric characters assigned for differentiation within a	
		transaction set "DUMMY"	
<b>PO10</b> 2	220	DUMMY Quantity Ordered	D 1/15

		"DUMMY"		
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 explored 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 Identifying number for a product or service	Х	AN 1/48
		"DD"		

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

Total number of line items in the transaction set

Segmen	nt: <b>SE</b> 1	Fransaction Set Trailer	
Positio Loo			
Leve Usag	e: Mandato	•	
Max Us Purpos	••••••	ate the end of the transaction set and provide the count of the	2
		ted segments (including the beginning (ST) and ending (SE)	
Syntax Notes Semantic Note	s:	, ,	
Comment		s the last segment of each transaction set.	
Notes	S: SE NUM	ber of Segments*TRAN SET CONTROL #	
		Data Element Summary	
Ref. <u>Des.</u> Attribu	Data <u>Element</u> tes	Name	
M SE0 ²	1 96	Number of Included Segments M	N0 1/10
		Total number of segments included in a transaction set incluand SE segments	uding ST
M SE02	2 329	Transaction Set Control Number M	AN 4/9
		Identifying control number that must be unique within the tra set functional group assigned by the originator for a transact	

# 21.6.2 860 Analog Line-Side Port Supp (860ANLG)

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

### Introduction:

The 860ANLG service request will be used by the Co-Provider to initiate a supplemental service request for Analog 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> .	<u>Max.Use</u>	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		
3950	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - End User Form (Disconnect Information)	0	1		
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		İİ
		LOOP ID - N1			10	
5360	N1	Name	0	1		111
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
						11

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		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		İİİ
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Port Service	0	1		
0180	SI	Service Characteristic Identification	0	>1		İ
		Loop ID - Pid			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		İİİ
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	1
0100	POC	Line Item Change - Regular 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		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Multi-Line Hunting	0	1		
0180	SI	Service Characteristic Identification	0	>1		
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LOOP ID - SLN>14600SLNSubline Item Detail01LOOP ID - N9>15230N9Reference Identification015260MTXText0>11000POCLine Item Change - DL Form (Delivery Address Section)011010SIService Characteristic Identification0>12930QTYQuantity012930QTYQuantity011000ID - QTY>12002030QTYQuantity011000PD PD - NT20011000POC12001000POC111000POC111000POC111000POC111000POC111000POC111000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC110001000POC1	1000	REF	Reference Identification	0	>1		
LOOP ID - N9         >1           5230         N9         Reference Identification         0         1           5250         MTX         Text         0         >1           1000         POC         Line tem Change - DL Form (Delivery         0         1           0100         POC         Line tem Change - DL Form (Delivery         0         1           0100         POC         Line tem Change - DL Form (Delivery         0         1           0100         POC         Line tem Change - DL Form (Delivery         0         1           0100         QUATY         O         1         1           0200         DOP ID - QTY         >1         200           0300         N1         Name         0         1           1000         PID - PIT         200         1           1000         N1         Name         0         1           1000         PIC         Location ID Component         0         1           1000         PIC         Location ID Component         0         1           1000         PID         Produc/Item Description         0         1           1000         PID         Produc/Item Description			LOOP ID - SLN			>1	
5230         N9         Reference Identification         0         1           5250         MTX         Text         0         >1           1000         POC         Line Item Change - DL Form (Delivery Address Section)         0         1           0100         POC         Line Item Change - DL Form (Delivery Address Section)         0         >1           0101         POC         Line Item Change - DL Form (Delivery Address Section)         0         >1           0101         POC         Line Item Change - DL Form (Delivery Address Section)         0         1           0101         Countity         O         1         1           0102         DOP ID - OTY         >1         200           0101         DOP ID - OTY         >1         200           0102         DOP ID - NI         200         1           1000         N4         Geographic Location         0         1           1000         N22         Location ID Component         0         1           1000         PID         POC         1000         200           1000         REF         Reference Identification         0         1           1000         REF         Reference Identification	4600	SLN	Subline Item Detail	0	1		
5250MTXTextO>1 $\overline{LOOP ID - POC}$ 0100POCLine Item Change - DL Form (Delivery010180SIService Characteristic Identification0>10180SIService Characteristic Identification00190POC10100POTY0100POTY0100PID - QTY0100PID - QTY0100PID - QTY0100PID - QTY0100PID - QTY0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC0100POC<			LOOP ID - N9			>1	
Licop ID - POC>10100POCLine Item Change - DL Form (Delivery Address Section)010180SIService Characteristic Identification0>12930OTYQuantity012930OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030OTYQuantity012030NHName012030NK2Location ID Component0>11000POC>1100012030NFIReference Identification012040NFIText0>12050NFIText0>12050NFIText0>12050NFIText0>12050NFIText0>12050NFIText0>12050NFIText0>1 <td>5230</td> <td>N9</td> <td>Reference Identification</td> <td>0</td> <td>1</td> <td></td> <td>iii</td>	5230	N9	Reference Identification	0	1		iii
0100         POC Address Section)         Line Item Change - DL Form (Delivery Service Characteristic Identification         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         QTY         Quantity         0         1           2930         MT         Recorrest Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classice Classic	5250	MTX	Text	0	>1		
Address Section)         O         >1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2030         QTY         Quantity         O         1           2030         QTY         Quantity         O         1           2030         QTY         Quantity         O         1           2030         QTY         Quantity         O         1           2030         QTY         Quantity         O         1           2030         N4         Geographic Location         O         1           1000         POC         Location ID Component         O         1           1000         REF         Reference Identification         O         1           10			LOOP ID - POC			>1	
0180         SI         Service Characteristic Identification         O         >1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         QTY         Quantity         O         1           2930         NT         Recomplic Location         O         1           3400         N4         Geographic Location         O         1           3750         NX2         Location ID Component         O         >1           10100         POC         Line Item Change - DL Form (Service         O         1         1000           10100         REF         Reference Identification         O         1         1000           200         N9         Reference Identification         O         1	0100	POC	Line Item Change - DL Form (Delivery	0	1		
2930         QITY         Quantity         0         1           2930         QITY         Quantity         0         1           2930         QITY         Quantity         0         1           2930         QITY         Quantity         0         1           2930         QITY         Quantity         0         1           2930         QITY         Quantity         0         1           2930         QITY         Quantity         0         1           2000         N4         Geographic Location         0         1           3750         NX2         Location ID Component         0         >1           1000         POC         Location ID Component         0         >1           1010         POC         Location ID Component         0         >1           1010         POC         Line Item Change - DL Form (Service On a tracteristic Identification         0         >1           1080         SI         Service Characteristic Identification         0         1           1000         REF         Reference Identification         0         1           3200         N9         Reference Identification         0	0180	SI		0	>1		
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2930         QTY         Quantity         0         1           3400         N1         Name         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N2         Location ID Component         0         >1           1000         POC         Line Item Change - DL Form (Service De otheracteristic Identification         0         >1           1000         REF         Reference Identification         0         1           1000         REF         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification<	2930	QTY	Quantity	0	1		
LOOP ID - N1         200           3400         N1         Name         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3750         NX2         Location ID Component         0         >1           0100         POC         Line Item Change - DL Form (Service Details Section)         0         1           0100         POC         Line Item Change - DL Form (Service Details Section)         0         >1           0100         POC         Line Item Change - DL Form (Service Details Section)         0         >1           0100         PID         Product/Item Description         0         1           1000         REF         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identificatio			LOOP ID - QTY			>1	
3400         N1         Name         0         1           3700         N4         Geographic Location         0         1           3750         NX2         Location ID Component         0         >1           3750         NX2         Location ID Component         0         >1           0100         POC         Line Item Change - DL Form (Service         0         1           0100         POC         Line Item Change - DL Form (Service         0         1           0100         POC         Line Item Change - DL Form (Service         0         1           0100         PID         Product/Item Cescription         0         1           0100         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9	2930	QTY	Quantity	0	1		
3700         N4         Geographic Location         O         1           3750         NX2         Location ID Component         O         >1           1000         POC         Line Item Change - DL Form (Service         O         1           0100         POC         Line Item Change - DL Form (Service         O         1           0100         POC         Line Item Change - DL Form (Service         O         1           0100         POC         Line Item Change - DL Form (Service         O         1           0100         POC         Line Item Change - DL Form (Service         O         1           0100         PID         Product/Item Description         O         1           0100         REF         Reference Identification         O         >1           1000         REF         Reference Identification         O         1           1000         N9         Reference Identification         O         1           1000         N9         Reference Identification         O         1           1000         N9         Reference Identification         O         1           1000         N9         Reference Identification         O         1			LOOP ID - N1			200	
3750         NX2         Location ID Component         O         >1           1000         POC         Line Item Change - DL Form (Service         O         1           0100         POC         Line Item Change - DL Form (Service         O         1           0180         SI         Service Characteristic Identification         O         >1           0100         POC         LOOP ID - PID         1000           0500         PID         Product/Item Description         O         1           1000         REF         Reference Identification         O         >1           1000         REF         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9	3400	N1	Name	0	1		
$\begin{tabular}{ c c c c } \hline IOOP ID - POC & Ine Item Change - DL Form (Service O 1 Details Section) & O 31 & Details Section) & O 31 & Details Section) & O 31 & DOOP ID - PID & 1000 & O 1 & DOOP ID - PID & 1000 & O 1 & DOOP ID - PID & DOOD & O 1 & DOOD & O 1 & DOOD & O 1 & DOOD & O 1 & DOOD & O 0 & O 1 & DOOD & O 0 & O 1 & DOOD & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O 0 & O$	3700	N4	Geographic Location	0	1		İ
0100         POC Details Section)         Line Item Change - DL Form (Service Details Section)         0         1           0180         SI         Service Characteristic Identification         0         >1           1000         PID         Product/Item Description         0         1           1000         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         >1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3200         N9         Reference Identification         0         1      <	3750	NX2	Location ID Component	0	>1		
Details Section) Service Characteristic IdentificationO>1LOOP ID - PID10000500PIDProduct/Item DescriptionO11000REFReference IdentificationO>11000REFReference IdentificationO13200N9Reference IdentificationO13200MTXTextO>11000LOOP ID - N9100013200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N1NameO13200N1NameO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO13200N9Reference IdentificationO1 </td <td></td> <td></td> <td>LOOP ID - POC</td> <td></td> <td></td> <td>&gt;1</td> <td></td>			LOOP ID - POC			>1	
0180         SI         Service Characteristic Identification         O         >1           0500         PID         Product/Item Description         O         1           1000         REF         Reference Identification         O         >1           1000         REF         Reference Identification         O         >1           1000         REF         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9	0100	POC		0	1		
0500         PID         Product/Item Description         O         1           1000         REF         Reference Identification         O         >1           1000         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identificati	0180	SI		0	>1		
1000         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         1           3200         N9         Reference Identification         0         1           3260         MTX         Text         0         >1           IOOP ID - N9         1000           3200         N9         Reference Identification         0         1           1000         IOOP ID - N9         1000         1         1000           3200         N9         Reference Identification         0         1         1           3260         MTX         Text         0         >1         1         1           3200         N9         Reference Identification         0         1         1         1           3200         N9         Reference Identification         0         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1			Loop ID - PID			1000	
LOOP ID - N9         1000           3200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1           3260         MTX         Text         O         >1           1000         1         1000         1           3260         MTX         Text         O         >1           1000         0         1         1000           3200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1           1000         200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1         1000           3200         N9         Reference Identification         O         1         1000           3260         MTX         Text         O         >1         200         1           3260         MTX         Text         O         >1         200         1           3400         N1         Name         O         1         370         >1         34 <t< td=""><td>0500</td><td>PID</td><td>Product/Item Description</td><td>0</td><td>1</td><td></td><td></td></t<>	0500	PID	Product/Item Description	0	1		
3200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1           3260         MTX         Text         O         >1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3200         MTX         Text         O         >1           3200         MTX         Text         O         >1           3200         MTX         Text         O         >1           3200         N1         Name         O         1           3550         IN2	1000	REF	Reference Identification	0	>1		
3260         MTX         Text         O         >1           1000         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1           3260         MTX         Text         O         >1           3260         MTX         Text         O         >1           3200         N9         Reference Identification         O         1           3200         N9         Reference Identification         O         1           3260         MTX         Text         O         >1           3260         MTX         Text         O         >1           3260         MTX         Text         O         >1           3260         MTX         Text         O         >1           3200         N1         Name         O         1           3200         N1         Name         O         1           3500         IN2         Individual Name Structure Components         O         >1           3700         N4         Geographic Location <td< td=""><td></td><td></td><td>LOOP ID - N9</td><td></td><td></td><td>1000</td><td></td></td<>			LOOP ID - N9			1000	
$\begin{array}{c c c c c c c c c c } \hline & & & & & & & & & & & & & & & & & & $	3200	N9	Reference Identification	0	1		
3200N9Reference IdentificationO13260MTXTextO>1IOOP ID - N93200N9Reference IdentificationO13260MTXTextO>13260MTXTextO>13260MTXItextO>13260N1NameO13400N1NameO13550IN2Individual Name Structure ComponentsO>13700N4Geographic LocationO13750NX2Location ID ComponentO>1	3260	MTX	Text	0	>1		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			LOOP ID - N9			1000	
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3200N9Reference IdentificationO13260MTXTextO>1LOOP ID - N13400N1NameO13550IN2Individual Name Structure ComponentsO>13700N4Geographic LocationO13750NX2Location ID ComponentO>1	3260	MTX	Text	0	>1		
3260         MTX         Text         O         >1           LOOP ID - N1         200           3400         N1         Name         O         1           3550         IN2         Individual Name Structure Components         O         >1           3700         N4         Geographic Location         O         1           3750         NX2         Location ID Component         O         >1			LOOP ID - N9			1000	
LOOP ID - N1       200         3400       N1       Name       O       1         3550       IN2       Individual Name Structure Components       O       >1         3700       N4       Geographic Location       O       1         3750       NX2       Location ID Component       O       >1	3200	N9	Reference Identification	0	1		
3400N1NameO13550IN2Individual Name Structure ComponentsO>13700N4Geographic LocationO13750NX2Location ID ComponentO>1	3260	MTX	Text	0	>1		
3550IN2Individual Name Structure ComponentsO>13700N4Geographic LocationO13750NX2Location ID ComponentO>1			LOOP ID - N1			200	
3700N4Geographic LocationO13750NX2Location ID ComponentO>1	3400	N1	Name	0	1		
3750 NX2 Location ID Component O >1	3550	IN2	Individual Name Structure Components	0	>1		
	3700	N4	Geographic Location	0	1		ļļ
3950 SI Service Characteristic Identification O >1	3750	NX2	Location ID Component	0	>1		
	3950	SI	Service Characteristic Identification	0	>1		

## Summary:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	<u>Max.Use</u>	Loop Notes and <u>Repeat</u> <u>Comments</u>				
		LOOP ID - CTT			1				
A			-1.1			4.47			

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	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 ⊤	ransaction Set Header			
	Position:	0100				
	Loop: Level:	Heading				
	Usage: Max Use:	Mandato 1	ry			
Svi	Purpose: ntax Notes:	To indica	ate the start of a transaction set and to assign a control nur	nbe	er	
-	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).				
		trans appr	implementation convention reference (ST03) is used by the slation routines of the interchange partners to select the opriate implementation convention to match the transaction ition.		et	
	Comments: Notes:	ST*860*	TRAN SET CONTROL #			
			Data Element Summary			
	Ref.	Data	·			
	<u>Des.</u> Attributes	<u>Element</u>	Name			
М	ST01	143	Transaction Set Identifier Code	N	ID 3/3	
			Code uniquely identifying a Transaction Set		1.141.7	
			860 Purchase Order Change Request - Bu	•		
М	ST02	329	Transaction Set Control NumberIIdentifying control number that must be unique within the	<b>n</b> trar	AN 4/9 nsaction	

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	I09 is the seller's order number. I10 is the date assigned by the sender to the acknowledg I11 is the date of the purchase order change request. IP (LSR-25)*SS*PON (LSR-2)**VER (LSR-3)*PO Date (S Access Information)				
	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> </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			
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>				
Μ	REF01	128	Reference Ident	ification Qualifier	М	I	D 2/3
			Code qualifying t	he Reference Identification			
			11	Account Number			
			12	Number identifies a telecommunicati account Billing Account	ons	inc	lustry
			12	•	ia ra	nd	arad
			1V	Account number under which billing Related Vendor Order Number	is ie	nu	ereu
			IV	A vendor's order number that is in a	ditic	<b>.</b>	to a
			СО	primary order number Customer Order Number	Junic	11	10 a
			JB	Job (Project) Number			
			SU	Special Processing Code			
				Unique code identifying the special h requirements for the claim	and	lin	g
	REF02	127	<b>Reference Ident</b>		Х	A	N 1/30
				ation as defined for a particular Transa Reference Identification Qualifier	ctior	n S	Set or as
			AN (LSR-7) = Ac				
				20) = Project Identification			
				Response Type Requested			
				= Related Purchase Order Number			
				= Related Order Number = Billing Account Number 1			
	REF03	352	Description	3	Х	ŀ	N 1/80
			A free-form descu	ription to clarify the related data element	nts a	Ind	their
			"AN" "EAN"				
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"RTR"		
"RPON"		
"RORD"		
"BAN1"		

# 

Segment:	PAM Period Amount
Position:	0950
Loop:	
Level:	Heading
Usage: Max Use:	Optional 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> </ol>
Cyntax Hotoo!	2 At least one of PAM02 PAM05 or PAM14 is required.
	3 If either PAM04 or PAM05 is present, then the other is required.
	4 If either PAM06 or PAM07 is present, then the other is required.
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is
	required.
	6 If PAM07 is present, then PAM06 is required.
	7 If PAM08 is present, then PAM07 is required.
	<ul><li>8 If PAM09 is present, then PAM07 is required.</li><li>9 If PAM10 is present, then at least one of PAM11 or PAM12 is</li></ul>
	required.
	<b>10</b> If PAM11 is present, then PAM10 is required.
	<b>11</b> If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	1 PAM10, PAM11, or PAM12 are used when two dates are required.
	2 PAM15 indicates whether the monetary amount identified in PAM05
	is a net or gross value. A "Y" indicates amount is a gross value; an
•	"N" indicates amount is a net value.
Comments: Notes:	PAM*QU*HTQTY (LSR-6)*EA
Notes.	PAM QU HTQTT (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)*EÁ
	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 Qua	lifier	Х	ID 2/2
		Code specifyin	g the type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a	net d	ecrease to
			a previously transmitted quantity, at	ter a	djustments
			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 quantity		
		HTQTY (LSR-	6) = Hunt Group Quantity		
		LOCQTY (LSR	R-5) = Location Quantity		
		First 2 bytes of	^F PG_of_ (LSR-10)		
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		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		
		To identify a composite unit of measure (See Figures , examples of use)	Appei	ndix for	
C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2	
		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	resse	d, or	

М

Commonte		
Segment:	<b>SAC</b> Service, Promotion, Allowance, or Charge Information	ion
Position: Loop:	1200 SAC Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To request or identify a service, promotion, allowance, or charge; specify the amount or percentage for the service, promotion, allow	
<b>0</b> ( <b>1</b> )	or charge	
Syntax Notes:	<ol> <li>At least one of SAC02 or SAC03 is required.</li> <li>If either SAC03 or SAC04 is present, then the other is required.</li> <li>If either SAC06 or SAC07 is present, then the other is required.</li> </ol>	
	4 If either SAC09 or SAC10 is present, then the other is required	1.
	<ul><li>5 If SAC11 is present, then SAC10 is required.</li><li>6 If SAC13 is present, then at least one of SAC02 or SAC04 is</li></ul>	
	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.	
	<ul><li>2 SAC05 is the total amount for the service, promotion, allowand</li></ul>	e 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 of	
	charge quantity is different from the purchase order or invoice	
	quantity. SAC10 and SAC11 used together indicate a quantity range, w	vhich
	could be a dollar amount, that is applicable to service, promoti	
	allowance, or charge.	011,
	5 SAC13 is used in conjunction with SAC02 or SAC04 to provide	e 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>7 SAC16 is used to identify the language being used in SAC15.</li></ul>	
Comments:	<ul> <li>7 SAC16 is used to identify the language being used in SAC15.</li> <li>1 SAC04 may be used to uniquely identify the service, promotion</li> </ul>	n
connents.	allowance, or charge. In addition, it may be used in conjunction SAC03 to further define SAC02.	
	2 In some business applications, it is necessary to advise the tra	ading
	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	
	Dollars in SAC09.	DO -
Notes:	SAC*N**TI*EXP [If this segment appears then EXP (LSR-26) = ")	<b>/</b> "]
		-
	Data Element Summary	
Ref.	Data	
<u>Des.</u> <u>Attributes</u>	Element Name	
M SAC01		M ID 1/1
	Code which indicates an allowance or charge for the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the	
	N No Allowance or Charge	
SAC03		X ID 2/2
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		Code identifying the agency assigning the code values					
		TI	Telecommunications Industry				
SAC04	1301	Agency Service, Code	Promotion, Allowance, or Charge X AN 1/10	)			
		Agency maintained or charge	d code identifying the service, promotion, allowance	Э,			
		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	fy pertinent dates a ast one of DTM02 M04 is present, the her DTM05 or DTM 7*D/TSENT{CCYY	and times DTM03 or DTM05 is required. en DTM03 is required. I06 is present, then the other is requ MMDD} (LSR-12)*D/TSENT{HHMM} D) (LSR-14)***TM*APPTIME{HHMM	(LSR	
		Data Element S	Summary		
Ref.	Data	N			
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
1 DTM01	374	Date/Time Qualif	ier	М	ID 3/3
DTM03	979	097 150 270	pe of date or time, or both date and Transaction Creation Service Period Start Date Filed		DT 9/9
DTM02	373	Date		Х	DT 8/8
		Date expressed as D/TSENT (LSR-12 DDD (LSR-14) = I DATED (LSR-36)	?) = Date Sent		
DTM03	337	Time		Х	TM 4/8
		or HHMMSSD, or (00-59), S = intege decimal seconds a hundredths (00-99 D/TSENT{HHMM}	(LSR-12) = Time Sent	23), M al secc (0-9)	I = minutes onds; and DD =
DTM05	1250		I Format Qualifier	X	ID 2/3
		TM	e date format, time format, or date a Time Expressed in Format HHMM Time expressed in the format HHM the numerical expression of hours i on a twenty-four hour clock and MM expression of minutes within an ho	M whe in the A is the	ere HH is day based
DTM06	1251	times	•	Х	AN 1/35 es and

Μ

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>7 If either SI16 or SI17 is present, then the other is required.</li> <li>8 If either SI18 or SI19 is present, then the other is required.</li> </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)						

	Ref.	Data	Data Element S	Summary		
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	ne agency assigning the code values		
			TI	Telecommunications Industry		
N	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an indu characteristics	stry 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		
N	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C	lew Installation) isconnect of entire account)		
			TOS $(LSR-44) = T$	ype of Service		
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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: Max Use:	200	Optional						
Purpose:		ibe a product or process in coded or free-form format						
Syntax Notes:	1 If PI	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.						
		Doo is present, then PID04 is required.						
Semantic Notes:		PID03 to indicate the organization that publishes the code	e lis [.]	t				
	bein	g referred to.						
		4 should be used for industry-specific product description	۱					
	code 3 PID	is. 18 describes the physical characteristics of the product ide	ontifi	hai				
		D04. A "Y" indicates that the specified attribute applies to						
		an "N" indicates it does not apply. Any other value is						
		erminate.						
Comments:		9 is used to identify the language being used in PID05. 201 equals "F", then PID05 is used. If PID01 equals "S",	than					
Comments.		4 is used. If PID01 equals "X", then both PID04 and PID0						
	usec	•		-				
		PID06 when necessary to refer to the product surface or	laye	r				
		g described in the segment.	ما ام					
	3 PID( PID(	77 specifies the individual code list of the agency specified	nı c					
Notes:		-I*AH***SO-RSQ*CHC (LSR-22)						
		TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)						
		TI*AO***SO-RSQ*AGAUTH (LSR-35)						
		TI*BI***SO-RSQ*FBI (EU-42) TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)						
		Data Element Summary						
Ref.	Data	News						
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>						
I PID01	349	Item Description Type	М	ID 1/1				
		Code indicating the format of a description						
		S Structured (From Industry Code List)						
PID03	559	Agency Qualifier Code	Χ	ID 2/2				
		Code identifying the agency assigning the code values						
		TI Telecommunications Industry						
PID04	751	Product Description Code	Χ	AN 1/12				
		A code from an industry code list which provides specific	c dat	a about a				
		product characteristic						
		AH Coordinated Hot Cut						
		AO Agency Authorization Status						

Μ

Final Bill Information Indicator

**Conversion Indicator** 

Pending Order

BI

822

PID07

CONVIND

PENDING

Source Subqualifier

O AN 1/15

Qualifier			Source
		<b>0</b>	ID 1/1
Code indicating a	Yes or No condition or response		
Y = (DWS: D-D N = (DWS: E-E) CONVIND (LSR-2 Y = (DWS: F-Fu N = (DWS: P-P) CHC (LSR-22) = C AGAUTH (LSR-35	ifferent) xisting (Default)) 4a) = Conversion Indicator ull) artial) Coordinated Hot Cut b) = Agency Authorization Status		
	Qualifier SO-RSQ Yes/No Condition Code indicating a FBI (EU-42) = Fina Y = (DWS: D-D) N = (DWS: D-D) N = (DWS: E-E) CONVIND (LSR-2 Y = (DWS: F-Fu) N = (DWS: F-Fu) N = (DWS: P-P) CHC (LSR-22) = C AGAUTH (LSR-35)	QualifierSO-RSQService Order - Reseller Questions li	SO-RSQService Order - Reseller Questions listYes/No Condition or Response CodeOCode indicating a Yes or No condition or responseFBI (EU-42) = Final Bill Information Indicator Y = (DWS: D-Different) N = (DWS: E-Existing (Default))CONVIND (LSR-24a) = Conversion Indicator Y = (DWS: F-Full) N = (DWS: P-Partial)CHC (LSR-22) = Coordinated Hot Cut AGAUTH (LSR-35) = Agency Authorization Status

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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: Semantic Notes:	<b>1</b> If either PWK05 or PWK06 is present, then the other is required.
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.
	<b>3</b> PWK08 may be used to indicate action pertaining to a report.
Notes:	PWK*DW*NS*1*DG*91*DRC (LSR-98)
	Data Element Summary

			Data Element S	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	PWK01	755	Report Type Cod	e	М	ID 2/2
			Code indicating th item	e title or contents of a document, repo	rt or	supporting
			DW	Drawing(s)		
	PWK02	756	<b>Report Transmis</b>	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	0	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
			Identification Code		ised	for
			91	Assigned by Seller or Seller's Agent		
	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.
	<b>4</b> 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

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

Segment:	MT)	Text		
Position:	2900			
Loop:	N9	Optional		
Level:	Heading	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	TX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX04 is required.		
Semantic Notes:		(05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines befo	re pri	nt".
		MTX05 is required.		,
Notes:		EMARKS (EU-63)		
		()		
<b>D</b> -(	Data	Data Element Summary		
Ref.	Data	News		
Des.	<u>Element</u>	<u>name</u>		
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:	2850				
Loop:	N9 Optional				
Level:	Heading				
Usage:	Optional				
Max Use:	1				
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier				
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>				
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>				
Comments:	-				
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)				
Ref. Des.	Data Element Summary Data Element Name				

	Des.	<u>Element</u>	<u>vame</u>				
	<u>Attributes</u>						
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3		
			Code qualifying the Reference Identification				
			H7 Standard Clause				
	N902	127	Reference Identification	Χ	AN 1/30		
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as		
	N903	369	Free-form Description	Χ	AN 1/45		
			Free-form descriptive text				
			"LSR"				
	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	Μ	AN 1/30		
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as		
			MANUAL IND (LSR-108a) = Manual Indicator				

Segment:	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:	<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>	e print",	
	then MTX05 is required.		_
Notes:	MTX**REMARKS (LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	Element Name		
<u>Attributes</u>			
MTX02	1551 Message Text	X AN 1/4096	;

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment:	N9 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*PORT****2W>MANUAL IND (PS-61a)
	Data Element Summary
Ref.	Data

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	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
Μ	C04001	128	Reference Identification Qualifier	М	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		

MT)	Text		
2900			
N9	Optional		
	•		
>1			
To spec	fy textual data		
•	•		
	• •		
	• • •		
		fore prin	nt".
	•		,
	•		
	Data Element Summary		
Data			
Element	Name		
1551	Message Text	Х	AN 1/4096
	To transmit large volumes of message text		
	2900 N9 Heading Optional >1 To speci 1 If M ⁻ 2 If M ⁻ 3 If M ⁻ 1 MTX 1 If M ⁻ then MTX**RI Data Element	N9 Optional Heading Optional >1 To specify textual data 1 If MTX01 is present, then MTX02 is required. 2 If MTX03 is present, then MTX02 is required. 3 If MTX05 is present, then MTX04 is required. 1 MTX05 is the number of lines to advance before printing. 1 If MTX04 is "AA - Advance the specific number of lines be then MTX05 is required. MTX**REMARKS (PS-61) Data Element Summary Data Element Name 1551 Message Text	2900 N9 Optional Heading Optional >1 To specify textual data 1 If MTX01 is present, then MTX02 is required. 2 If MTX03 is present, then MTX02 is required. 3 If MTX05 is present, then MTX04 is required. 1 MTX05 is the number of lines to advance before printing. 1 If MTX04 is "AA - Advance the specific number of lines before printing. 1 If MTX04 is "AA - Advance the specific number of lines before printing. MTX**REMARKS (PS-61) Data Element Summary Data Element Name 1551 Message Text X

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 Identif	fier Code	Μ	ID 2/3
		Code identify or an individu 78	ing an organizational entity, a physical loc lal Service Requester	ation	, property
N102	93	Name		Х	AN 1/60
		Free-form na	me		
		CCNA (LSR-	1) = Customer Carrier Name Abbreviation		

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

# **PER** Administrative Communications Contact

Segment:

Position: 3500 N1 Loop: Optional Level: Heading Usage: Optional Max Use: >1 Purpose: To identify a person or office to whom administrative communications should be directed Syntax Notes: If either PER03 or PER04 is present, then the other is required. 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 Functio		М	ID 2/2
				the major duty or responsibility of the p	perso	n or group
			named AG	Agent		
			CN	Agent General Contact		
		00		General Contact	~	
	PER02	93	Name		0	AN 1/60
			Free-form name			
				Initiator Identification		
	PER03	365		1) = Implementation Contact Number Qualifier	х	ID 2/2
				the type of communication number	~	
			TE	Telephone		
	PER04	364	Communication	•	х	AN 1/256
	I LINGT	004		unications number including country or		
			applicable	including fulliper including country of	urcu	loode when
				) = Telephone Number		
				) = Telephone Number		
	PER05	365		Number Qualifier	Х	ID 2/2
				the type of communication number		
			BN	Beeper Number		
			FX	Facsimile		
	PER06	364	Communication	Number	Х	AN 1/256
				unications number including country or	area	code when
			applicable			
				) = Pager Number I) = Facsimile Number		
	PER07	365	•	Number Qualifier	Х	ID 2/2
			Code identifvina	the type of communication number		
			EM	Electronic Mail		
	PER08	364	Communication	Number	х	AN 1/256
Updated: A	April 12, 2002		vest Communication DI Disclosure Docum			171

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

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)

#### **Data Element Summary**

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 loca or an individual BT Bill-to-Party	ition,	, property
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code structure of Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	used	for
N104	67	Identification Code Code identifying a party or other code	X	AN 2/80
		ACNA (LSR-64) = Access Customer Name Abbreviation	1	

Updated: April 12, 2002

Μ

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
<u>Attributes</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

ľ	V	

N101

N102

98

93

M ID 2/3

X AN 1/60

Segment:	PER	Administrative Communications Contact					
Position:	3500						
Loop:		Optional					
Level:	Heading	•					
Usage:	Optional						
Max Use:	>1						
Purpose:		fy a person or office to whom administrative communicat	ions				
r dipose.		e directed	10113				
Syntax Notes:	1 If eit 2 If eit	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	ed.				
Semantic Notes:							
Comments:							
Notes:	PER*DE	**FX*FAX NO (LSR-100)					
Ref.	Data Element Summary Ref. Data						
Des.	Element	Name					
Attributes	Liement	<u>nume</u>					
PER01	366	Contact Function Code	м	ID 2/2			
		Code identifying the major duty or responsibility of the p named 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			
FERU4	304		~				
		Complete communications number including country or applicable	area	code when			
		FAX NO (LSR-100) = Facsimile Number					

Μ

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

Data <u>Element</u>	<u>Name</u>			
98	Entity Identifier C	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
93	Name		Χ	AN 1/60
	Free-form name			
	BILLNM (EU-43) =	Bill Name		
	<u>Element</u> 98	ElementName98Entity Identifier CCode identifying aor an individualX193NameFree-form name	Element       Name         98       Entity Identifier Code         Code identifying an organizational entity, a physical local or an individual X1       Mail to         An address to which a specified item         93       Name	Element       Name         98       Entity Identifier Code       M         Code identifying an organizational entity, a physical location or an individual       Name       M         X1       Mail to       An address to which a specified item is to         93       Name       X         Free-form name       X

Μ

	Segment:	N2	Additional Name Information		
	Position:	3100			
	Loop:	N1	Optional		
	Level:	Heading			
	-	Optional			
	Max Use:	2			
-	Purpose:	To speci	fy additional names		
•	tax Notes:				
	tic Notes:				
L L	omments: Notes:	NO*CDII	LNM (EU-44)		
	Notes.	NZ ODIL	ENN (E0-44)		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name		
	Attributes	00	Nome		
М	N201	93		М	AN 1/60
			Free-form name		
			SBILLNM (EU-44) = Secondary Bill Name		

Segment:	N4 o	Geographic Location			
Position:	3300				
Loop:	N1	Optional			
Level:	Heading				
Usage:	Optional				
Max Use:	>1				
Purpose:	To spec	fy the geographic place of the named party			
Syntax Notes:	1 Only	one of N402 or N407 may be present.			
	2 If N4	06 is present, then N405 is required.			
	3 If N4	07 is present, then N404 is required.			
Semantic Notes:					
Comments:	<b>1</b> A cc	mbination of either N401 through N404, or N405 and N40	)6 m	ay	
		dequate to specify a location.			
		2 is required only if city name (N401) is in the U.S. or Car	nada		
Notes:	N4**STA	TE (EU-49)*ZIP (EU-50)			
<b>.</b> (	Data Element Summary				
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u> N402	156	State or Province Code	х	ID 2/2	
N4UZ	100				
	Code (Standard State/Province) as defined by appropriate government				
		agency			
		STATE (EU-49) = State/Province			
N403	116	Postal Code	0	ID 3/15	

116	Postal Code	0	ID 3/15	
	Code defining international postal zone code excluding	pun	ctuation and	
	blanks (zip code for United States)			
	ZIP (EU-50) = ZIP/Postal Code			

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

NX2*62*SATH (EU-45f)

Data Element Summary										
	Ref.	Data								
	Des.	<u>Element</u>	<u>Name</u>							
	<u>Attributes</u>									
М	NX201	1106	Address Compo		М	ID 2/2				
			Code qualifying th							
			01	Street Number						
			02	Street Name						
			03	Prefix Direction						
			07	City Name						
			32	Floor						
			A particular floor or level of a building							
			35	Room						
			A walled room or partitioned area of a building							
			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						
			SANO (EU-45b) =	Service Address Number						
			SASN (EU-45e) = Service Address Street Name							
			SASD (EU-45d) = Service Address Street Directional Prefix							
			CITY (EU-48) = City							
			FLOOR (EU-46) = Floor							
			ROOM/MAIL STOP (EU-47) = Room/Mail Stop							
			SASS (EU-45g) =	Service Address Street Directional Su	ffix					
			SAPR (EU-45a) =	Service Address Number Prefix						
				Service Address Number Suffix						
			SATH (EU-45f) =	Service Address Street Type						

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

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

Segment:	$\operatorname{\textbf{POC}}$ 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:	<ol> <li>POC01 is the purchase order line item identification.</li> </ol>
Comments:	

Comments: Notes:

# POC*n*RZ*****ZZ*EU_SA [POC Loop may repeat]

	Ref. Des.	Data Element	Name		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation transaction set	on within a	3
			"n" = nth assigned ID within POC Loop		
М	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the co the original purchase order with contained in the Purchase Orde Transaction Set	the value	s
	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	sed in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service "EU_SA"		

Segment:	PID	Product/Item Description	
Position:	0500		
Loop:	PID	Optional	
Level: Usage:	Detail Optiona		
Max Use:	1		
Purpose:		ribe a product or process in coded or free-form format	
Syntax Notes:		D04 is present, then PID03 is required.	
		east one of PID04 or PID05 is required. D07 is present, then PID03 is required.	
		D08 is present, then PID04 is required.	
	5 If PI	D09 is present, then PID05 is required.	
Semantic Notes:		PID03 to indicate the organization that publishes the code	list
		g referred to.	
	z PID	04 should be used for industry-specific product description	
		08 describes the physical characteristics of the product ider	ntified
		ID04. A "Y" indicates that the specified attribute applies to t	his
		; an "N" indicates it does not apply. Any other value is	
		terminate. 09 is used to identify the language being used in PID05.	
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th	en
	PID	04 is used. If PID01 equals "X", then both PID04 and PID05	
	use		
		PID06 when necessary to refer to the product surface or la g described in the segment.	yer
		07 specifies the individual code list of the agency specified	in
	PID	03.	
Notes:	PID*S**	TI*ANV***SO-RSQ*ANV (EU-8a)	
		Data Element Summary	
Ref.	Data	Nama	
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name	
M PID01	349	Item Description Type	/ ID 1/1
		Code indicating the format of a description	
		S Structured (From Industry Code List)	
PID03	559	Agency Qualifier Code	( ID 2/2
		Code identifying the agency assigning the code values	
		TI Telecommunications Industry	
PID04	751	Product Description Code	( AN 1/12
		A code from an industry code list which provides specific	data about a
		product characteristic ANV Address Not Validated Indicator	
PID07	822		O AN 1/15
11007	022	A reference that indicates the table or text maintained by	
		•	
		Qualifier	
		Qualifier SO-RSQ Service Order - Reseller Questions list	
PID08	1073		
PID08	1073	SO-RSQ Service Order - Reseller Questions list	
PID08	1073	SO-RSQService Order - Reseller Questions listYes/No Condition or Response CodeCodeCode indicating a Yes or No condition or responseANV (EU-8a) = Address Not Validated Indicator	D ID 1/1
PID08	1073	SO-RSQService Order - Reseller Questions listYes/No Condition or Response CodeOCode indicating a Yes or No condition or responseO	D ID 1/1
PID08	1073	SO-RSQService Order - Reseller Questions listYes/No Condition or Response CodeCodeCode indicating a Yes or No condition or responseANV (EU-8a) = Address Not Validated Indicator	D ID 1/1
PID08 Updated: April 12, 2002	Qv	SO-RSQService Order - Reseller Questions listYes/No Condition or Response CodeCodeCode indicating a Yes or No condition or responseANV (EU-8a) = Address Not Validated Indicator	D ID 1/1

Segment:	REF	Reference Identification		
Position:	1000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:		fy identifying information		
Syntax Notes:		ast one of REF02 or REF03 is required.		
		her C04003 or C04004 is present, then the other is require		
Osmantis Natas		her C04005 or C04006 is present, then the other is require	ed.	
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.		
Notes:	DEE*IY*	LOCNUM (EU-7)*LOCNUM		
NOLES.				
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
I REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		IX Item Number		
REF02	127		х	AN 1/30
		Reference information as defined for a particular Transac	tion	Set or as

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

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name			
N101	98	<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.
	<b>3</b> If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may
	be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes	Liement	<u>nume</u>		
N402	156	State or Province Code	Χ	ID 2/2
		Code (Standard State/Province) as defined by appropria agency STATE (EU-25) = State/Province	ate g	overnment
N403	116	Postal Code	0	ID 3/15
Code defining international postal zone code exc blanks (zip code for United States) ZIP (EU-26) = ZIP/Postal Code				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: 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*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)

NX2*05*BOX (EU-23c)

#### **Data Element Summary**

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	,		
М	NX201	1106	Address Compor	ent Qualifier	М	ID 2/2
			-	e type of address component		
				cation Designator 1		
			13=(DWS: APT)	0		
			34=(DWS: LOT)			
			35=(DWS: RM) 36=(DWS: SLIP)			
			37=(DWS: UNIT)			
			14=(DWS: SUIT)			
			LD2 (EU-19) = Loc 32=(DWS: FLR)	cation Designator 2		
			32=(DVV3. FLR)			
			LD3 (EU-21) = Loc	cation Designator 3		
			12=(DWS: BLDC			
			63=(DWS: WNG			
			30=(DWS: PIER)	) 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		

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	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	a sł	nip or boat		
		is docked				
	37	Unit				
		A unit or separate structure				
	39	Unstructured Property				
	40	Street Suffix				
	59	Street Number Low				
	61	Street Number Fraction				
	62	Street Name Suffix				
	63	Secondary Unit Identifier				
166	Address Informa	tion	М	AN 1/55		
	Address informati					
		Service Address Number				
	````	Service Address Street Name	v			
	SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box					
	ROUTE (EU-23b)					
	CITY (EU-24) = C	· ·				
		Assigned House Number				
	````	Service Address Street Directional Suffix Service Address Number Prefix	X			
	```	Service Address Number Frenk Service Address Number Suffix				
		Service Address Street Type				
	LV1 (EU-18) = Lo					
	LV2 (EU-20) = Lo					
	LV3(EU-22) = L0					

Μ

NX202

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.
	<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 [*] 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		

Segment:	<b>POC</b> Line Item Change - End User Form (Disconnect
Position: Loop: Level: Usage: Max Use:	Information) 0100 POC Optional Detail Optional
Max Ose: Purpose: Syntax Notes:	<ol> <li>To specify changes to a line item</li> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <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 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>
Semantic Notes: Comments:	<ul> <li>12 If either POC26 or POC27 is present, then the other is required.</li> <li>1 POC01 is the purchase order line item identification.</li> </ul>

Comments: Notes:

# POC*n*RZ*****ZZ*EU_DISC [POC Loop may repeat]

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

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

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

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

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

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

М

REF03

352

Description

content "DNUM" X AN 1/80

Segment: Position: Loop:	<b>DTN</b> 2000 POC	Date/Time Refe	rence			
Level: Usage:	Detail Optional					
Max Use:	10					
Purpose:		cify pertinent dates and times				
Syntax Notes:	<ul> <li>Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.</li> <li>2 If DTM04 is present, then DTM03 is required.</li> </ul>					
			106 is present, then the other is require	d.		
Semantic Notes: Comments:						
Notes:	DTM*37	6*TC PER{CCYYM	MDD} (EU-62)			
		Data Element	Summary			
Ref.	Data					
	<u>Element</u>	<u>Name</u>				
<u>Attributes</u> DTM01	374	Date/Time Qualif	ier	м	ID 3/3	
	••••		pe of date or time, or both date and tir	ne		
		376	Delivery End			
		-	The date that deliveries will end			
DTM02	373	Date		Х	DT 8/8	
		Date expressed as	S CCYYMMDD			

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

М

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4600 SLN Detail Optional 1 To speci <b>1</b> If eit <b>2</b> If SL	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. .N07 is present, then SLN06 is required.
	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	N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol> <li>SLN</li> <li>SLN</li> <li>level</li> <li>SLN</li> <li>sublit</li> <li>SLN</li> </ol>	01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The subline 1 is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the ine item to the baseline item. 08 is a code indicating the relationship of the price or amount to associated segment.
Comments:	1 See 2 SLN item to re 3 SLN for e ISBN	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
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>
M SLN01	350	Assigned Identification M AN 1/ Alphanumeric characters assigned for differentiation within a transaction set
SLN02	350	"TCPRI" Assigned Identification O AN 1/ Alphanumeric characters assigned for differentiation within a transaction set

|--|

<u>Attributes</u>			
SLN01	350	Assigned Identification	M AN 1/20
		Alphanumeric characters assigned for diff	erentiation within a
		transaction set	
		"TCPRI"	
SLN02	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for diff transaction set	erentiation within a
		"n" = nth assigned ID within SLN Loop	
SLN03 662	662	Relationship Code	M ID 1/1
		Code indicating the relationship between a	entities
		A Add	
SLN04	380	Quantity	X R 1/15
		Numeric value of quantity	
		1 Always one	
: April 12, 2002			195
	SLN01 SLN02 SLN03 SLN04	SLN01       350         SLN02       350         SLN03       662         SLN04       380         : April 12, 2002       Qw	SLN01       350       Assigned Identification Alphanumeric characters assigned for diff transaction set "TCPRI"         SLN02       350       Assigned Identification Alphanumeric characters assigned for diff transaction set "n" = nth assigned ID within SLN Loop         SLN03       662       Relationship Code Code indicating the relationship between A         SLN04       380       Quantity 1       Always one

	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures examples of use) Unit or Basis for Measurement Code	Appei <b>M</b>	ndix for ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	resse	ed, or

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

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	<b>)</b>
			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 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	M ID 2/3
		Code identifying an organizational entit or an individual TT Transfer To	ty, a physical location, property
N102	93	Name	X 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:	1 At least one of REF02 or REF03 is required.
-	2 If either C04003 or C04004 is present, then the other is required.
	<b>3</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	-
Notes:	REF*55*TCID (EU-58a)*PRI
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

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

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

REF01

REF02

REF03

128

127

352

55

Description

content "PRI" ID 2/3

X AN 1/30

X AN 1/80

Segment:	SLN	Subline Item Detail
Position:	4600	
Loop:	4600 SLN	Optional
Level:	Detail	Optional
Usage:	Optional	
Max Use:	1	
Purpose:		fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
- <b>,</b>		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.
		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.
Comontio Notoo		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 list analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
	3 SLN	09 through SLN28 provide for ten different product/service IDs
	for e	ach item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:	SLN*TC	SEC*n*A*1*EA [SLN Loop may repeat.]
		Data Element Summary
Ref.	Data	
Des.	<u>Element</u>	Name
Attributes		· · · · · · · · · · · · · · · · · · ·
A SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a
		transaction set
		"TCSEC"

			"TCSEC"			
	SLN02	350	Assigned Id	entification	0	AN 1/20
			Alphanumeric transaction se	c characters assigned for differentiation	on within a	а
			"n" = nth assi	igned ID within SLN Loop		
Μ	SLN03	662	Relationship	Code	М	ID 1/1
			Code indicati	ng the relationship between entities		
			А	Add		
	SLN04	380	Quantity		Х	R 1/15
			Numeric valu	e of quantity		
			1	Always one		
Updated: April 12, 2002				ations International, Inc. ocument – Version 9.0		200

	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures examples of use) Unit or Basis for Measurement Code	Appei <b>M</b>	ndix for ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	resse	ed, or

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO SEC (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>	<u>Name</u>			
N101	98	Entity Identifier	Code	Μ	ID 2/3
		Code identifying or an individual TT	an organizational entity, a physical lo Transfer To	ocation	, property
N102	93	Name		Х	AN 1/60
		Free-form name			
		TC NAME (EU-6	<ol> <li>Transfer of Calls to Name</li> </ol>		

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 Element Name

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

Segment:	POC Line Item Change - Port Service
Position:	0100
Loop:	POC Optional
•	Detail
	Optional
Max Use:	1
Purpose:	To specify changes to a line item
	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.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	1 POC01 is the purchase order line item identification.
Comments:	
Notes:	POC*n*RZ*****ZZ*PS [POC Loop may repeat]

	Ref.	Data	Data Eleme	ent Summary		
	Des. Attributes	<u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Ide	entification	0	AN 1/20
			Alphanumeric transaction se	characters assigned for differentiation t	within	а
			"n" = nth assig	gned ID within POC Loop		
Μ	POC02	670	Change or Re	esponse Type Code	Μ	ID 2/2
			Code specifyir	ng the type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the corre the original purchase order with th contained in the Purchase Order ( Transaction Set	e value	es
	POC08	235	Product/Serv	vice ID Qualifier	Х	ID 2/2
			Code identifyi Product/Servic ZZ	ng the type/source of the descriptive nu ce ID (234) Mutually Defined	imber u	used in
	POC09	234	Product/Serv	vice ID	Х	AN 1/48
			Identifying nur	mber 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.
	<ul> <li>7 If either SI16 or SI17 is present, then the other is required.</li> <li>8 If either SI18 or SI19 is present, then the other is required.</li> </ul>
	<ul><li>8 If either SI18 or SI19 is present, then the other is required.</li><li>9 If either SI20 or SI21 is present, then the other is required.</li></ul>
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	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*SY*SSIG (PS-49)
	SI*TI*PE*PULSE (PS-50)
	SI*TI*TQ*TLI (PS-17a)
	SI*TI*T5*TERS (PS-17)

			Data Elemen	t Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Qualifie	er Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charac	teristics Qualifier	М	AN 2/2
			Code from an in characteristics	dustry code list qualifying the type of se	ervice	Э
			CM	Local Service Providers Circuit Num	ber	
			CN	Circuit Number Identification		
			LZ	Freeze Local Service Provider		
			ОТ	Out Telephone Number		
			PE	Pulse Type		
			SA	Service Activity		
			SY	Start Signaling		
			T5	Terminal Number		
			Т6	Transfer of Calls Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
М	SI03	234	Product/Servic	e ID	Μ	AN 1/48
Updated: A	April 12, 2002		vest Communicatior DI Disclosure Docu	ns International, Inc. ment – Version 9.0		206

Identifying number 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 PULSE (PS-50) = Type of pulsing
- SSIG (PS-49) = Start Signaling TERS (PS-17) = Terminal Numbers
- TLI (PS-17a) = Telephone Line Identifier
- TC OPT (PS-33) = Transfer of Call Options

Segment:	PID	Product/Item Description						
Position:	0500	0500						
Loop:		PID Optional						
Level: Usage:	Detail Optional							
Max Use:	1							
Purpose:	To desci	describe 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 PID04 is required.						
Semantic Notes:		PID03 to indicate the organization that publishes the cod	e lis	t				
		g referred to.						
		04 should be used for industry-specific product description	n					
	code			I				
		08 describes the physical characteristics of the product id D04. A "Y" indicates that the specified attribute applies to						
		; an "N" indicates it does not apply. Any other value is	<i>J</i> uns	)				
		terminate.						
	4 PIDO	09 is used to identify the language being used in PID05.						
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S",						
		04 is used. If PID01 equals "X", then both PID04 and PID	05 ai	re				
	usec 2 Use	I. PID06 when necessary to refer to the product surface or	lavo	r				
		g described in the segment.	laye	I				
		07 specifies the individual code list of the agency specifie	d in					
	PIDO	)3.						
Notes:	PID*X**	ΓΙ*CFA*CFA (PS-46)						
		Data Element Summary						
Ref.	Data							
Des.	<u>Element</u>	Name						
Attributes	349	Item Description Type	м	ID 1/1				
	343	Code indicating the format of a description						
		X Semi-structured (Code and Text)						
PID03	559	Agency Qualifier Code	х	ID 2/2				
FIDUJ	553		~					
		Code identifying the agency assigning the code values TI Telecommunications Industry						
	764	· · · · · · · · · · · · · · · · · · ·	v	A NI 4/4 0				
PID04	751	Product Description Code	Х	AN 1/12				

product characteristic

CFA

content

Description

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

352

PID05

X AN 1/80

Segment:	KEF	Reference Identification		
Position:	1000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1	if , identify in a information		
Purpose: Syntax Notes:		ify identifying information east one of REF02 or REF03 is required.		
Syntax Notes.		her C04003 or C04004 is present, then the other is required.	ьЧ	
		her C04005 or C04006 is present, then the other is require		
Semantic Notes:		04 contains data relating to the value cited in REF02.		
Comments:		č		
Notes:		LNUM (PS-9)*LNUM		
		P*TSP (PS-27)		
	REF*AE	*SAN (PS-28)		
		Data Element Summary		
Ref.	Data	Data Liement Summary		
Des.		Nama		
	Element	Name		
<u>Attributes</u>	<u>Element</u>	Name		
Attributes	<u>Element</u> 128		м	ID 2/3
<u>Attributes</u>			М	ID 2/3
<u>Attributes</u>		Reference Identification Qualifier		ID 2/3
<u>Attributes</u>		Reference Identification Qualifier Code qualifying the Reference Identification		ID 2/3
<u>Attributes</u>		Reference Identification Qualifier           Code qualifying the Reference Identification           AE         Authorization for Expense (AFE) Num		ID 2/3
<u>Attributes</u>		Reference Identification QualifierCode qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NumGPGovernment Priority Number		ID 2/3 AN 1/30
<u>Attributes</u> M REF01	128	Reference Identification Qualifier         Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Num         GP       Government Priority Number         IX       Item Number         Reference Identification	nber X	AN 1/30
<u>Attributes</u> M REF01	128	Reference Identification QualifierCode qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NumGPGovernment Priority NumberIXItem Number	nber X	AN 1/30
<u>Attributes</u> M REF01	128	Reference Identification Qualifier         Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Num         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference information as defined for a particular Transact	nber X	AN 1/30
<u>Attributes</u> M REF01	128	Reference Identification Qualifier         Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Num         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference information as defined for a particular Transact         specified by the Reference Identification Qualifier         LNUM (PS-9) = Line Number         TSP (PS-27) = Telecommunications Service Priority	nber X	AN 1/30
<u>Attributes</u> M REF01 REF02	128 127	Reference Identification Qualifier         Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Num         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification Qualifier         LNUM (PS-9) = Line Number         TSP (PS-27) = Telecommunications Service Priority         SAN (PS-28) = Subscriber Authorization Number	nber X	<b>AN 1/30</b> Set or as
<u>Attributes</u> M REF01	128	Reference Identification Qualifier         Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Num         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification Qualifier         LNUM (PS-9) = Line Number         TSP (PS-27) = Telecommunications Service Priority         SAN (PS-28) = Subscriber Authorization Number         Description	nber X ction	AN 1/30 Set or as AN 1/80
Attributes A REF01 REF02	128 127	Reference Identification Qualifier         Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Num         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference Identification         Reference information as defined for a particular Transact specified by the Reference Identification Qualifier         LNUM (PS-9) = Line Number         TSP (PS-27) = Telecommunications Service Priority         SAN (PS-28) = Subscriber Authorization Number         Description         A free-form description to clarify the related data element	nber X ction	AN 1/30 Set or as AN 1/80
Attributes A REF01 REF02	128 127	Reference Identification Qualifier         Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Num         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification         Reference Identification Qualifier         LNUM (PS-9) = Line Number         TSP (PS-27) = Telecommunications Service Priority         SAN (PS-28) = Subscriber Authorization Number         Description	nber X ction	AN 1/30 Set or as AN 1/80

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	2000 POC Detail Optional 10 To speci <b>1</b> At le <b>2</b> If DT <b>3</b> If eit	Optiona fy pertine ast one o M04 is p her DTM0	Time Reference I Int dates and times If DTM02 DTM03 or DTM05 is required. Interesent, then DTM03 is required. D5 or DTM06 is present, then the other is required.	
		Data I	Element Summary	
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
1 DTM01	374	Date/Tir	ne Qualifier M	ID 3/3
		Code sp	ecifying type of date or time, or both date and time	
		376	Delivery End	
			The date that deliveries will end	_
DTM02	373	Date	X	DT 8/8
		Date exp	pressed as CCYYMMDD	

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

Segment:	N1 ⊾	lame							
Position:	3400								
Loop:									
Level:	Detail								
Usage:	Optional								
Max Use:	1								
Purpose:	To ident	fy a party by type of organization, name, and code							
Syntax Notes:		ast one of N102 or N103 is required.							
•	2 If eit	her N103 or N104 is present, then the other is required.							
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)							
		Data Element Summary							
Ref.	Data								
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>							
N101	98	Entity Identifier Code	M ID 2/3						
		Code identifying an organizational entity, a physical loca	tion, property						

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

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

interexchange calls

PIC (PS-22) = InterLATA Pre-subscription Indicator Code

being billed

Code identifying a party or other code

Code designating the system/method of code structure used for

or an individual

**Identification Code Qualifier** 

Identification Code (67)

**Identification Code** 

P9

41

66

67

N103

N104

X ID 1/2

X AN 2/80

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

Ref.	Data				
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
N101	98	Entity Identifier Cod	le	Μ	ID 2/3
		Code identifying an o or an individual	organizational entity, a physical loca	ition,	property
			rimary Intra-LATA (Local Access Traction and Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contra	ansp	oort Area)
N103	66	Identification Code	Qualifier	Х	ID 1/2
		Identification Code (6	e system/method of code structure u 67) elecommunications Carrier Identifica		
			lentifies the Interexchange carrier fo eing billed	r the	e charges
N104	67	<b>Identification Code</b>	C C C C C C C C C C C C C C C C C C C	Х	AN 2/80
	Co	Code identifying a pa	arty or other code		
		LPIC (PS-23) = Intral	LATA Pre-subscription Indicator Co	de	

Segment:	SLN	Subline Item Detail
Position:	4600	
Loop:	SLN	Optional
Level:	Detail	•
Usage:	Optional	
Max Use:	1	
Purpose:		ify product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
		.N07 is present, then SLN06 is required.
		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 SLN17 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
	leve	I is analogous to the level code used in a bill of materials.
	3 SLN	03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
		each item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:		PRI*n*A*1*EA
		Data Element Summary
Ref.	Data	•
Des.	<u>Element</u>	Name
<u>Attributes</u>		
I SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a
		transaction act

transaction set "TCPRI" D SLN02 350 AN 1/20 **Assigned Identification** 0 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 Updated: April 12, 2002 Qwest Communications International, Inc. 213 EDI Disclosure Document – Version 9.0

М

	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures A examples of use) Unit or Basis for Measurement Code	pper <b>M</b>	ndix for ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

Segment:	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 PRI (PS-34)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<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	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 PRI (PS-34) = 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 (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: Level: Usage: Max Use:	REF Reference Identification 5700 N1 Optional Detail Optional 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> </ol>
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*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

ID 2/3

X AN 1/30

X AN 1/80

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 SLN</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>19 SLN</li> <li>10 If eit</li> <li>10 See</li> <li>2 SLN</li> <li>10 If eit</li> <li>10 See</li> <li>2 SLN</li> <li>10 If eit</li> <li>10 SE</li> <li>10 SLN</li> <li>10 SE</li> <li>10 SE</li> <li>10 SLN</li> <li>10 SE</li> <li>10 SE</li> <li>10 SLN</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 SE</li> <li>10 S</li></ul>	Subline Item Detail         Optional         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 SLN20 is present, then the other is required.         ner SLN21 or SLN20 is present, then the other is required.         ner SLN20 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.         ner SLN27 or SLN28 is present, then the other is required.         ner SLN27 or SLN28 is present, then the other is required.         ner SLN27 or SLN28 is present, then the other is required.         ner SLN27 or SLN28 is present, then the other is required.         ner SLN26 or SLN28 is present, then the other is required.         ner SLN27 or SLN28 is present.	
Notes:		I No., Model No., or SKU. SEC*n*A*1*EA [SLN Loop may repeat]	
Notes.	OLIV TO		
Ref. <u>Des.</u> <u>Attributes</u> I SLN01	Data <u>Element</u> 350	Data Element Summary     Name     Assigned Identification   M AN 1/20	
		Alphanumeric characters assigned for differentiation within a transaction set	
SLN02	350	"TCSEC" Assigned Identification O AN 1/20	

		А	Add		
SLN04	380	Quantity		Х	R 1/15
		Numeric va	alue of quantity		
		1	Always one		
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"n" = nth assigned ID within SLN Loop

Code indicating the relationship between entities

transaction set

**Relationship Code** 

Alphanumeric characters assigned for differentiation within a

M ID 1/1

М

Μ

SLN03

662

	SLN05	C001	Composite Unit of Measure	Х	
M	C00101	355	To identify a composite unit of measure (See Figures A examples of use) Unit or Basis for Measurement Code	vppei M	ndix for 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	ed, or

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO 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:	<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 organization or an individual TT Transfer To		property
N102	93	Name	X	AN 1/60
		Free-form name		
		TC NAME (PS-37) = Transfer	of Calls to Name	

Segment: Position: Loop: Level: Usage:	REF Reference Identification 5700 N1 Optional Detail 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:	r REF04 contains data relating to the value cited in REF02.
Notes:	REF*55*TCID (PS-36)*SEC
	Data Element Summary
Ref.	Data
Des.	<u>Element</u> <u>Name</u>

**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	Qwest C

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ID 2/3

X AN 1/30

AN 1/80

Segment:	<b>SLN</b>	Subline Item Detail		
Position:	4600			
Loop:	SLN	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1 To on ori	francelist cublic contail items data		
Purpose: Syntax Notes:		fy product subline detail item data her SLN04 or SLN05 is present, then the other is required	4	
Syntax Notes.		N07 is present, then SLN06 is required.	<i>.</i>	
		N08 is present, then SLN06 is required.		
		her SLN09 or SLN10 is present, then the other is required	J.	
		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 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.	the	
		08 is a code indicating the relationship of the price or am	ount	to
		issociated segment.	ount	10
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the bas	seline	è
		number. Example: 1.1 or 1A might be used as a subline	numl	ber
		late to baseline number 1.		
		09 through SLN28 provide for ten different product/servic ach item. For example: Case, Color, Drawing No., U.P.C		
		I No., Model No., or SKU.	. 110.	,
Notes:		n*A*1*EA		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
Attributes SLN01	350	Assigned Identification	м	AN 1/20
M SLN01	330	Assigned Identification		
		Alphanumeric characters assigned for differentiation wit transaction set	nin a	
		"BL"		
SLN02	350	Assigned Identification	0	AN 1/20
SENUZ	550	Alphanumeric characters assigned for differentiation wit	-	
		transaction set	nin a	
		"n" = nth assigned ID within SLN Loop		
M SLN03	662	Relationship Code	м	ID 1/1
	***	Code indicating the relationship between entities		, .
		A Add		
SLN04	380	Quantity	х	R 1/15
JLINU4	200		^	N 1/13

Numeric value of quantity 1 Always one

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Μ

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	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures A examples of use) Unit or Basis for Measurement Code	pper <b>M</b>	ndix for ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	esse	d, or

Segment:	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.
	<b>7</b> If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*BB*BA (PS-52)*TB*BLOCK (PS-53)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			BB Blocking Activity		
М	SI03	234	Product/Service ID	Μ	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		

_ .

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4600 SLN Detail Optional 1 To speci 1 If eit 2 If SL 3 If SL 4 If eit 5 If eit 6 If eit 7 If eit	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 SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required.
Semantic Notes: Comments:	<ul> <li>9 If eit</li> <li>10 If eit</li> <li>11 If eit</li> <li>12 If eit</li> <li>13 If eit</li> <li>1 SLN</li> <li>2 SLN</li> <li>1 SEN</li> <li>3 SLN</li> <li>4 SLN</li> <li>4 SLN</li> <li>1 See</li> <li>2 SLN</li> <li>1 term</li> <li>3 SLN</li> <li>6 term</li> <li>3 SLN</li> <li>6 term</li> </ul>	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. 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. 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:		n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]
Ref. <u>Des.</u> <u>Attributes</u> I SLN01	Data <u>Element</u> 350	Data Element Summary <u>Name</u> Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set "FA"
SLN02	350	Assigned Identification O AN 1/20 Alphanumeric characters assigned for differentiation within a

Alphanumeric characters assigned for differentiation within a transaction set "n" = nth assigned ID within SLN Loop SLN03 662 **Relationship Code** Code indicating the relationship between entities А Add SLN04 380 Quantity Numeric value of quantity 1 Always one Qwest Communications International, Inc.

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Updated: April 12, 2002

М

Μ

226

X R 1/15

ID 1/1

	SLN05	C001	Composite Unit of Measure	Х	
Μ	C00101	355	To identify a composite unit of measure (See Figures A examples of use) Unit or Basis for Measurement Code	vppei M	ndix for 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	ed, or

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*SA*FA (PS-58)*SC*FEATURE (PS-59)
	SI*TI*FD*FEATURE DETAIL (PS-60) [SI Segment may repeat]

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	
			FD Feature Data		
			SA Service Activity		
Μ	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			<pre>FA (PS-58) = Feature Activity    A = (DWS: N-Add)    D = (DWS: D-Disconnect)    V = (DWS: V-Conversion as specified)    CF = (DWS: C-Change feature detail)    C T = (DWS: T-Change (New Line)) FEATURE DETAIL (PS-60) = Feature Detail</pre>		
	SI04	1000	Service Characteristics Qualifier	Х	AN 2/2
			Code from an industry code list qualifying the type of se characteristics SC Service Category	rvice	
	SI05	234	Product/Service ID	Х	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
	1 If POC03 is present, then both POC04 and POC05 are required.
Syntax Notes:	<ul><li>2 If POC07 is present, then POC06 is required.</li></ul>
	• • •
	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.
	<b>9</b> If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	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:	1 POC01 is the purchase order line item identification.
Comments:	
Notes:	POC*n*RZ*****ZZ*HG [If this segment appears, HNTYP (LSR-116) = 5]

	Ref.	Data	Data Element Summary		
	<u>Des.</u> Attributes	Element	Name		
NR	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with transaction set	hin a	a
	DOOM	070	"n" = nth assigned ID within POC Loop		
М	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the correspond the original purchase order with the v contained in the Purchase Order Cha Transaction Set	alue	es
	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		
			"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)
	· · · ·

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying t	he agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an ind	ustry code list qualifying the type of se	rvice	
			characteristics			
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
Μ	SI03	234		ID r for a product or service	М	AN 1/48
Μ	S103	234	Identifying numbe		М	AN 1/48
Μ	SI03	234	Identifying numbe	er for a product or service Hunt Group Activity	Μ	AN 1/48
М	S103	234	Identifying numbe HA (LSR-112) = H A = (DWS: N-N C = (DWS: C-C	r for a product or service Hunt Group Activity lew) Change)	М	AN 1/48
Μ	S103	234	Identifying numbe HA (LSR-112) = H A = (DWS: N-N C = (DWS: C-C D = (DWS: D-F	r for a product or service Hunt Group Activity lew) Change) Remove)	Μ	AN 1/48
Μ	S103	234	Identifying numbe HA (LSR-112) = H A = (DWS: N-N C = (DWS: C-C D = (DWS: D-F	r for a product or service Hunt Group Activity lew) Change)	М	AN 1/48
Μ	S103	234	Identifying numbe HA (LSR-112) = H A = (DWS: N-N C = (DWS: C-C D = (DWS: D-F V = (DWS: V-C	er for a product or service Hunt Group Activity lew) Change) Remove) Conversion as specified)	М	AN 1/48
Μ	S103	234	Identifying numbe HA (LSR-112) = H A = (DWS: N-N C = (DWS: C-C D = (DWS: D-F V = (DWS: V-C HID (LSR-113) =	For a product or service Hunt Group Activity lew) Change) Remove) Conversion as specified) Hunt Group Identifier	М	AN 1/48
Μ	S103	234	Identifying numbe HA (LSR-112) = H A = (DWS: N-N C = (DWS: C-C D = (DWS: C-C D = (DWS: V-C HID (LSR-113) = HNTYP (LSR-116	For a product or service Hunt Group Activity lew) Change) Remove) Conversion as specified) Hunt Group Identifier 6) = Hunting Type Code	М	AN 1/48
Μ	S103	234	Identifying numbe HA (LSR-112) = H A = (DWS: N-N C = (DWS: C-C D = (DWS: C-C D = (DWS: V-C HID (LSR-113) = HNTYP (LSR-116	Ar for a product or service Hunt Group Activity lew) Change) Remove) Conversion as specified) Hunt Group Identifier 6) = Hunting Type Code S: 5-Regular/Series)	Μ	AN 1/48

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

Segment:	<b>SLN</b>	Subline Item Detail		
Position:	4600			
Loop:	SLN	Optional		
Level:	Detail			
Usage: Max Use:	Optional			
Purpose:	•	fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required	d.	
-,		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		
Semantic Notes:		her SLN27 or SLN28 is present, then the other is required 01 is the identifying number for the subline item.	J.	
Semantic Notes.		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		
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or am	ount	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 bas	olina	<b>、</b>
		number. Example: 1.1 or 1A might be used as a subline		
		late to baseline number 1.		
	3 SLN	09 through SLN28 provide for ten different product/servic	e IDs	;
		ach item. For example: Case, Color, Drawing No., U.P.C	. No.	,
Neter		No., Model No., or SKU.		
Notes:	SLN [*] HN	T*n*A*1*EA		
		Data Element Summary		
Ref.	Data	Data Liement Summary		
Des.	Element	Name		
<u>Attributes</u>				
M SLN01	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation wit	hin a	
		transaction set		
		"HNT"	-	
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit	hin a	
		transaction set "n" = nth assigned ID within SLN Loop		
A SLN03	662	Relationship Code	М	ID 1/1
IIII JLINUJ	002	Code indicating the relationship between entities	141	ו/ו טו
		A Add		

М

Μ

SLN04

Updated: April 12, 2002

380

Quantity

1

Numeric value of quantity

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Always one

X R 1/15

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	SLN05	C001	Composite Unit of Measure	Х	
М	C00101	355	To identify a composite unit of measure (See Figures examples of use) Unit or Basis for Measurement Code	Appei <b>M</b>	ndix for ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	resse	ed, or

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:	<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**HTSEQ (LSR-118)							
	Data Element Summary							
Ref.	Data							
Des.	<u>Element</u> <u>Name</u>							
<u>Attributes</u>	;							
MTX02	1551 Message Text	X AN 1/4	096					

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> </ol>
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	<b>9</b> If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes: 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> Attributes	Data <u>Element</u>	Name		
	POC01	350	Assigned Identification	Ο	AN 1/20
			Alphanumeric characters assigned for differentiation with transaction set "n" = nth assigned ID within POC Loop	thin a	3
М	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresp the original purchase order with the contained in the Purchase Order Ch Transaction Set	value	es
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined	ber u	sed in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"ML"		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*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 th	ne agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	ristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	stry code list qualifying the type of se	rvice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying 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)		

Segment:	KEL	Reference Identification	
Position:	1000		
Loop:	POC	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	>1 Ta an ai		
Purpose: Syntax Notes:		fy identifying information ast one of REF02 or REF03 is required.	
Syntax Notes.		her C04003 or C04004 is present, then the other is required.	4
		her C04005 or C04006 is present, then the other is required	
Semantic Notes:		04 contains data relating to the value cited in REF02.	
Comments:		<b>3 1 1 1 1</b>	
Notes:	<b>REF*IX*</b>	LOCNUM (LSR-109)*LOCNUM	
	<b>REF*IX*</b>	HNUM (LSR-110)*HNUM	
		Deta Flament Summany	
Ref.	Data	Data Element Summary	
Des.			
	Element	Name	
	<u>Element</u>	Name	
<u>Attributes</u> M REF01	<u>Element</u>	Name Reference Identification Qualifier M	1 ID 2/3
<u>Attributes</u>		Reference Identification Qualifier M	1 ID 2/3
<u>Attributes</u>			1 ID 2/3
<u>Attributes</u> N REF01	128	Reference Identification QualifierMCode qualifying the Reference IdentificationIXIXItem Number	
<u>Attributes</u>		Reference Identification QualifierMCode qualifying the Reference IdentificationIXIXItem NumberReference IdentificationX	AN 1/30
<u>Attributes</u> N REF01	128	Reference Identification Qualifier       M         Code qualifying the Reference Identification       M         IX       Item Number         Reference Identification       X         Reference Identification       X         Reference Information as defined for a particular Transaction       X	AN 1/30
<u>Attributes</u> N REF01	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>Attributes</u> N REF01	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         LOCNUM (LSR-109) = Location Number       Image: Content of the particular Specified by the Reference Identification Reference	AN 1/30
<u>Attributes</u> N REF01	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 on Set or as
Attributes REF01 REF02	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       Secified by the Reference Identification Qualifier         LOCNUM (LSR-109) = Location Number       HNUM (LSR-110) = Hunt Number	C AN 1/30 on Set or as
Attributes REF01 REF02	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 Transactis         specified by the Reference Identification Qualifier         LOCNUM (LSR-109) = Location Number         HNUM (LSR-110) = Hunt Number         Description       X	C AN 1/30 on Set or as
Attributes REF01 REF02	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       Interval 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 100 and 10	C AN 1/30 on Set or as
Attributes REF01 REF02	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       X         LOCNUM (LSR-109) = Location Number       HNUM (LSR-110) = Hunt Number         Description       X         A free-form description to clarify the related data elements content	C AN 1/30 on Set or as

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax 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	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	1. 1. 1. 1.	
Semantic Notes: Comments:	<ul> <li>9 If eith</li> <li>10 If eith</li> <li>11 If eith</li> <li>12 If eith</li> <li>13 If eith</li> <li>1 SLNG</li> <li>2 SLNG</li> <li>1 See</li> <li>3 SLNG</li> <li>the a</li> <li>1 See</li> <li>2 SLNG</li> <li>item</li> <li>to re</li> <li>3 SLNG</li> <li>for e</li> </ul>	ner SLN17 or SLN18 is present, then the other is required ner SLN19 or SLN20 is present, then the other is required ner SLN21 or 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 of is the identifying number for the subline item. D2 is the identifying number for the subline level. The sub is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of ne item to the baseline item. D8 is a code indicating the relationship of the price or amount issociated segment. The Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the base number. Example: 1.1 or 1A might be used as a subline late to baseline number 1. D9 through SLN28 provide for ten different product/service ach item. For example: Case, Color, Drawing No., U.P.C.	1. 1. 1. 1. the ount seline numl	e ber
Notes:		NT*n*A*1*EA		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
M SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation with transaction set	<b>M</b> nin a	AN 1/20
SLN02	350	"MHNT" Assigned Identification Alphanumeric characters assigned for differentiation with transaction set	<b>O</b> nin a	AN 1/20
	<u></u>	"n" = nth assigned ID within SLN Loop	N.#	ID 4/4
M SLN03	662	Relationship Code         Code indicating the relationship between entities         A       Add	Μ	ID 1/1
SLN04	380	Quantity	X	R 1/15

 Numeric value of quantity

 1
 Always one

 Updated: April 12, 2002
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М

	SLN05	C001	Composite Unit of Measure	Х	
Μ	C00101	355	To identify a composite unit of measure (See Figures A examples of use) Unit or Basis for Measurement Code	vppei M	ndix for 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	ed, or

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:	<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 befor	e pri	nt",
	then MTX05 is required.		
Notes:	MTX**HTSEQ (LSR-118)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>	i de la constante de la constante de la constante de la constante de la constante de la constante de la constan		
MTX02	1551 Message Text	Х	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> </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.
	<b>9</b> If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	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. (	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	rracters assigned for differentiation wit	hin a	1
			-	d ID within POC Loop		
М	POC02	670	Change or Respo	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 the Product/Service II	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*AD*DACT (DL-81)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			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	<del>)</del>
м	SI03	234	Product/Service ID	м	AN 1/48
		204	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:	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*31*DIRQTYA (DL-103)*DY						
Ref.	Data Element Summary Data						

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

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>
Notoo	N1*DA*DELNAME
Notes:	

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

Segment:	N4 a	Seographic Location				
Position:	3700					
Loop:	N1	Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To speci	ify the geographic place of the named party				
Syntax Notes:		one of N402 or N407 may be present.				
	2 If N4	106 is present, then N405 is required.				
	3 If N4	107 is present, then N404 is required.				
Semantic Notes:						
Comments:	1 A cc	mbination of either N401 through N404, or N405 and N400	6 m	ay		
	be a	dequate to specify a location.				
		2 is required only if city name (N401) is in the U.S. or Cana	ada	•		
Notes:	N4**STA	ATE (DL-99)*ZIP (DL-100)				
		Data Element Summary				
Ref.	Data					
Des.	Element	<u>Name</u>				
<u>Attributes</u>						
N402	156	State or Province Code	Х	ID 2/2		
		Code (Standard State/Province) as defined by appropriat	e g	overnment		
		agency				
		STATE (DL-99) = State/Province				
N403	116	Postal Code	0	ID 3/15		
		Cada defining international pastal zone cada avaluding p		tuation and		

110	rusial coue	0 10 3/15				
	Code defining international postal zone code exclud	ling punctuation and				
	blanks (zip code for United States)					
	ZIP (DL-100) = ZIP/Postal Code					

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

NX2*02*DDASN (DL-83) NX2*03*DDASD (DL-87) NX2*07*CITY (DL-98) NX2*18*DDALO (DL-90a) NX2*40*DDASS (DL-90) NX2*59*DDAPR (DL-84) NX2*61*DDASF (DL-86) NX2*62*DDATH (DL-89)

Data Element Summary						
	Ref.	Data				
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
м	NX201	1106	Address Compo	nent Qualifier	м	ID 2/2
			•	ne type of address component		10 2/2
			01	Street Number		
			• •			
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Informa	ition	М	AN 1/55
			Address informati	on		
			DDANO (DL-85) =	= Delivery Address Street Number		
			DDASN (DL-88) = Delivery Address Street Name			
			DDASD (DL-87) =	Delivery Address Street Directional F	refix	
			CITY (DL-98) = C	ity		
			DDALO (DL-90a)	= Delivery Address Location		
			DDASS (DL-90) =	Delivery Address Street Directional S	uffix	
			DDAPR (DL-84) =	Delivery Address Number Prefix		
			DDASF (DL-86) =	Delivery Address Number Suffix		
			DDATH (DL-89) =	<ul> <li>Delivery Address Street Type</li> </ul>		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes: Semantic Notes: Comments: Notes:	0100 POC Detail Optional 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit 12 If eit 12 If eit 14 PC 15 PC 16 PC 16 PC 17 PC 16 PC 17 PC 16 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 17 PC 1	A contract of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	ed. ed. ed. ed. ed. ed. ed. ed. ed. ed.			
<u>Attributes</u>			_			
POC01	350	Assigned Identification	0	AN 1/20		
		Alphanumeric characters assigned for differentiation with transaction set	hin a	l		
		"n" = nth assigned ID within POC Loop				
M 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				
POC08	235	Receiver should replace the correspondence the original purchase order with the v contained in the Purchase Order Cha Transaction Set Product/Service ID Qualifier	alue ange <b>X</b>	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				
		"DL"				
POC10	235	Product/Service ID Qualifier	Х	ID 2/2		
		Code identifying the type/source of the descriptive numb Product/Service ID (234) SH Service Requested A numeric or alphanumeric code from services available to the customer				
POC11	234	Product/Service ID	Х	AN 1/48		
		Identifying number for a product or service	- •			
		RTY (DL-12) = Record Type				
	~			250		
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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.							
ey max neteel	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.							
	<ul><li>7 If either SI16 or SI17 is present, then the other is required.</li></ul>							
	8 If either SI18 or SI19 is present, then the other is required.							
	<b>9</b> If either SI20 or SI21 is present, then the other is required.							
Semantic Notes:								
Comments:	1 SI01 defines the source for each of the service characteristics							
	qualifiers.							
Notes:	SI*TI*LB*LACT (DL-10)							
	SI*TI*LE*LTY (DL-13)							
	SI*TI*TW*STYC (DL-15)							
	SI*TI*BR*TOA (DL-16)							
	SI*TI*DG*DOI (DL-17)							
	SI*TI*DN*DIRNAME (DL-34)							
	SI*TI*BO*BRO (DL-28)							

	Ref. <u>Des.</u>	Data <u>Element</u>	Name			
	Attributes		<u>Interno</u>			
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying t	Code identifying the agency assigning the code values		
			ТІ	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an indecharacteristics	ustry code list qualifying the type of se	rvice	•
			BO	Business/Residence Placement Ove	rride	
			BR	Directory Listings Type of Account		
			DG	Degree of Indent		
			DN	Directory Book Name		
			LB	Listing Activity Indicator		
			LE	Listing Type		
			TW	Style Code		
М	SI03	234	Product/Service		Μ	AN 1/48
				r for a product or service		
			LTY (DL-13) = Lis STYC (DL-15) = $S$ TOA (DL-16) = Ty DOI (DL-17) = De DIRNAME (DL-34	Style Code vpe of Account	e	
· · · ·		vest Communications			251	

<b>-</b>	חום						
Segment:		Product/Item Dea	scription				
Position:	0500 PID	Ontional					
Loop: Level:	Detail	Optional					
Usage:	Optiona	I					
Max Use:	1						
Purpose:		To describe a product or process in coded or free-form format					
Syntax Notes:	<ol> <li>If PID04 is present, then PID03 is required.</li> <li>At least one of PID04 or PID05 is required.</li> </ol>						
			en PID03 is required.				
			en PID04 is required.				
	5 If P	D09 is present, the	en PID05 is required.				
Semantic Notes:			the organization that publishes the co	de lis	t		
		ig referred to.	for industry-specific product description	20			
	z FID		for industry-specific product description	лт 			
			hysical characteristics of the product i	dentif	ied		
	in P	ID04. A "Y" indicat	es that the specified attribute applies				
			it does not apply. Any other value is				
		eterminate.	fy the language being used in PID05.				
Comments:			en PID05 is used. If PID01 equals "S"	ther	)		
			1 equals "X", then both PID04 and PIE				
	use						
			ssary to refer to the product surface o	r laye	er		
		ng described in the	segment. dividual code list of the agency specifie	ed in			
	PID	•					
Notes:		TI*AR***SO-RSQ*					
		TI*AS***SO-RSQ*	· · · · ·				
		TI*AT***SO-RSQ*/					
	PID*S**TI*AW***SO-RSQ*DML (DL-25) PID*S**TI*AX***SO-RSQ*NOSL (DL-26)						
	PID*S**TI*AY***SO-RSQ*TMKT (DL-27)						
	PID*S**	TI*BA***SO-RSQ*	PROF (DL-32)				
		Data Element	Summary				
Ref.	Data	N					
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>name</u>					
M PID01	349	Item Description	n Tvpe	м	ID 1/1		
		-	he format of a description				
		S	Structured (From Industry Code Lis	t)			
PID03	559	Agency Qualifie		́х	ID 2/2		
			the agency assigning the code values				
		TI	Telecommunications Industry				
PID04	751	Product Descrip	tion Code	Х	AN 1/12		
		A code from an ir	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				
	-	AX	No Solicitation Indicator				
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		AY Telemarketing
		BA Professional Identifier
PID07	822	Source Subqualifier O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier SO-RSQ Service Order - Reseller Questions list
PID08	1073	
11000	1075	Code indicating a Yes or No condition or response
		OMTN (DL-41) = Omit TN Y = (DWS: O-Omit)
		Blank, Not Populated = (DWS: Blank-Do Not Omit)
		LNPL (DL-44) = Letter Name Placement Y = (DWS: L-Letter Placement) Blank, Not Populated = (DWS: Blank-Default to Word Placement)
		ADI (DL-61) = Address Indicator Y = (DWS: O-Omit in DA and directory) Blank, Not Populated = (DWS: Blank-Do not omit)
		DML (DL-25) = Direct Mail List Y = (DWS: O-Omit) Blank, Not Populated = (DWS: Blank-Do Not Omit)
		TMKT (DL-27) = Telemarketing Y = (DWS: O-Omit from Telemarketing) Blank, Not Populated = (DWS: Blank-Do Not Omit)
		PROF (DL-32) = Professional Identifier NOSL (DL-26) = 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:	<ol> <li>At least one of REF02 or REF03 is required.</li> </ol>
	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*LI*ALI (DL-11)
	Data Element Summary
Ref.	Data

<u>Des.</u> <u>Attribu</u>	Element	Name		
REF	01 128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		LI Line Item Identifier (Seller's)		
REF	02 127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
		ALI (DL-11) = Alpha/Numeric Listing Identifier Code		

М

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

Μ

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>	) pri	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

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

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<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:	Ũ
Notes:	N9*82*LTXTY*LTXTY (DL-57)
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes		<u>Itumo</u>			
N901	128	Reference Identification Qualifier			ID 2/3
		Code qualifying the	Code qualifying the Reference Identification		
		82 Data Item Description (DID) Reference			
		Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents			
N902	127	Reference Ident	ification	Х	AN 1/30
			ation as defined for a particular Transa Reference Identification Qualifier	ctior	Set or as
		"LTXTY"			
N903	369	Free-form Descr	iption	Х	AN 1/45
		Free-form descrip	otive text		
		LTXTY (DL-57) =	Listing Text Type		

Μ

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

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*H7*ORI*DL
	Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
l	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	action	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"DL"		

Μ

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>	ə pri	nt",
	then MTX05 is required.		
Notes:	MTX**REMARKS (DL-113)		
	Data Element Summary		
Ref.	Data		
Des.	Element Name		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

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.
	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

## **Data Element Summary**

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:	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

## **Data Element Summary**

				inent Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	IN201	1104	Name Con	nponent Qualifier	М	ID 2/2
				ifying the 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		
	IN203	93	LNFN (DL- DES (DL-4 TL (DL-48) TITLE1 (DI NICK (DL-5 TLD (DL-5	<ul> <li>45) = Listed Name Last</li> <li>46) = Listed Name First</li> <li>7) = Designation</li> <li>= Title of Lineage</li> <li>-49) = Title of Address 1</li> <li>54) = Nickname</li> <li>50a) = Designation for Dual Name</li> <li>1) = Title of Lineage for Dual Name</li> <li>DL-52) = Title of Address 1 for Dual Name</li> </ul>	0	AN 1/60
			Free-form	name	_	
			LNFN (DL-	46) = Listed Name First		
			"TL" "TITLE1" "DESD" "TLD" "TITLE1D"			
Updated: A	pril 12, 2002			ications International, Inc.		262

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Segment:	N4 o	Geographic Location	
Position:	3700		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:		ify the geographic place of the named party	
Syntax Notes:		one of N402 or N407 may be present.	
		106 is present, then N405 is required.	
	3 If N4	107 is present, then N404 is required.	
Semantic Notes:			_
Comments:		mbination of either N401 through N404, or N405 and N406	3 may
		dequate to specify a location.	
Neters		2 is required only if city name (N401) is in the U.S. or Cana	ada.
Notes:	N4""LAS	ST (DL-71)	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	<u>Name</u>	
<u>Attributes</u>			
N402	156	State or Province Code	X ID 2/2
		Code (Standard State/Province) as defined by appropriate	e government

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

## **Data Element Summary**

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	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 Informa	tion	Μ	AN 1/55
			Address information	on		
			LANO (DL-63) = L	isted Address Number		
			LASF (DL-64) = Li	sted Address Number Suffix		
			LASD (DL-65) = L	isted Address Street Directional Prefix		
			LASN (DL-66) = L	isted Address Street Name		
			. ,	isted Address Street Directional Suffix		
				isted Address Number Prefix		
			. ,	isted Address Location		
			. ,	isted Address Street Type		
			LALOC $(DL-70) =$	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.
	<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*TN*LTN (DL-39)
	SI*TI*NS*NSTN (DL-40)

# **Data Element Summary**

			Data Element S	ummary		
	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	e agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Character	istics Qualifier	Μ	AN 2/2
			Code from an indus characteristics	stry code list qualifying the type of se	rvice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
М	SI03	234	Product/Service II	ס	Μ	AN 1/48
			Identifying number	for a product or service		
			· · · · · ·	ed Telephone Number on Standard Telephone Number		
			. /	•		

Segment:	СТТ	Transaction Totals		
Position:	0100			
Loop:	CTT	Optional		
Level:	Summar	у		
Usage:	Optional			
Max Use:	1			
Purpose:		mit a hash total for a specific element in the transaction s		
Syntax Notes:		her CTT03 or CTT04 is present, then the other is required		
	2 If eit	her CTT05 or CTT06 is present, then the other is required	J.	
Semantic Notes:				
Comments:		segment is intended to provide hash totals to validate saction completeness and correctness.		
Notes:		mber of POC Segments		
	011110			
		Data Element Summary		
Ref.	Data			
Des.	Element	<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)				
•	tax Notes: tic Notes:	-					
C	omments:		s the last segment of each transaction set.				
	Notes:	SE*Num	ber of Segments*TRAN SET CONTROL #				
			Data Element Summary				
	Ref.	Data	Data Element Summary				
	Des.	Element	Name				
	Attributes		<u>nume</u>				
М	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				