# Unbundled Analog DID/PBX Trunk

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# 34. UNBUNDLED ANALOG DID/PBX TRUNK

## 34.1 Business Description

The Unbundled Analog DID/PBX Trunk is an unbundled switching product that provides a CLEC the ability to connect a PBX user utilizing the Direct Inward Dialing (DID) functionality to a Qwest DID capable central office.

The following forms will be used between Qwest and the CLEC for Unbundled Analog DID/PBX Trunk 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 DID/PBX Trunk:

	Order Activity Definition						
Req Type	ACT	Definition	Application	LNA	Forms required		
FB	Ν	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 DID/PBX Trunk 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 DID/PBX Trunk 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			

#### Business Rules for Combining Order, Line and/or Listing Activities for **Unbundled Analog DID/PBX Trunk**

#### 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.
Р	PIC Change	This LNA should only be used for PIC changes without any other activity. FA entries would not be appropriate. If PIC Changes occur with other activity, an LNA of C should be used.
All Other LNA	Not Allowed	

#### LISTING ACTIVITIES

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

# 34.2 Business Model

See Appendix H

# 34.3 Developer Worksheets

See Appendices B and C – Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
Analog DID PBX Trunk Port Request	850UADT
Analog DID PBX Trunk Port Supplemental	860UADT
Status Update – Auto Push	855SU
Firm Order Confirmation	855FOC
Firm Order Confirmation for Supplemental	865FOC
Non Fatal Error Response	855NF
Non Fatal Error Response on Supplemental	865NF
Fatal Error Response	855FATAL
Fatal Error Response on Supplemental	865FATAL
Jeopardy	865JEOP
Completion	865COMP

## 34.4 Trading Partner Access Information

#### Order Submittal

The process begins with an EDI Trading Partner Access Information 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 Notification will be issued if Qwest has a problem meeting the commitment on the local service request.

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

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

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

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

#### 34.4.2 ISA TABLE INFORMATION

#### ANSI X12 ISA and IEA definitions:

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

	SENT TO Qwest	RECEIVED FROM Qwest
ISA01	<b>'00'</b> (No Authorization information present)	'00' (No Authorization information present)
ISA02	Spaces (Authorization information)	Spaces (Authorization information)
ISA03	<b>'00'</b> (No Security information is present)	'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	<b>'QWESTO'</b> ( <u>Note</u> : This Trading partner ID is used only for QWEST order and post- order transactions. The "O" is the unique identifier.)
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier
ISA08	<b>'QWESTO'</b> ( <u>Note</u> : This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)	Co-Provider TP ID
ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD
ISA10	Time of the interchange. HHMM (24 Hour Clock)	Time of the interchange. HHMM (24 Hour Clock)
ISA11	<b>'U'</b> (U.S. EDI Community of ASC X-12, TDCC, and UCS)	<b>'U'</b> (U.S. EDI Community of ASC X-12, TDCC, and UCS)
ISA12	'00402' (Interchange Version ID)	'00402' (Interchange Version ID)
ISA13	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number
ISA14	<b>'0'</b> (No acknowledgment requested)	<b>'0'</b> (No acknowledgment requested)
ISA15	<b>'P'</b> (Production data)	<b>'P'</b> (Production data)
ISA16	<b>'0x1f'</b> (Sub-element Separator)	<b>'0x1f'</b> (Sub-element Separator)

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

#### 34.4.3 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	<b>'004020</b> ' (Version)	' <b>004020</b> ' (Version)

#### GS Table

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

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Service Request	Receive	850UADT	PO	Co-Provider TP ID	UADT90
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	860UADT	PC	Co-Provider TP ID	UADT90
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:

#### 34.4.4 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, Qwest however, 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.

## Industry Standards Table:

OBF FORM	OBF ISSUE	EDI SOSC ISSUE	X12 STANDARD
End User	LSOG 3, LSOG 5 (When Applicable)	ELMS 5	004020
Local Service Request	LSOG 5	ELMS 5	004020
Directory Listing	LSOG 5	ELMS 5	004020
Port Service	LSOG 5	ELMS 5	004020
Status Updates			004020
Firm Order Confirmation			004020
Non Fatal Error Response			004020
Fatal Error Response			004020
Jeopardy			004020
Completion			004020

## 34.5 Mapping Examples

# 34.5.1 850 UNBUNDLED ANALOG DID/PBX TRUNK PORT (850UADT) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = Developer's Worksheet	PON
Element	
Superscript = Developer's Worksheet Ref #	LSR-2
DWS's used in this mapping example:	
LSR=Local Service Request	
EU=End User	
PS=Port Service	
DL=Directory Listing	
Italics = Literal	GOOD
<u>Underline</u> = Apply code conversion, used	<u>ACT</u>
with <b>Bold/Italics</b> . Code conversion tables	
can be found in the data dictionary of this	
disclosure.	
[] = Segment notes for this line	[SI Segment repeats]
() = Element notes for this line	(This element states)
n	Counter 1n
* = Element separator in this example and	= Actual element separator in an EDI
related data dictionary.	transaction.
> = Sub-element separator in this example	non-printable characters of "0x1f" = Actual
and related data dictionary.	sub-element separator in an EDI transaction.

```
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*EANEU-40*EAN
REF*JB*PROJECT
REF*SU*RTR<sup>LSR-28</sup>*RTR
REF*CO*RPON<sup>LSR-51</sup>*RPON
REF*1V*RORD
REF*12*BAN1<sup>LSR-61</sup>*BAN1
REF*OW*ORD<sup>PS-6</sup>*ORD
PAM*T5*LOCQTY<sup>LSR-5</sup>*EA
PAM*15 LOCQ1 Y
PAM*48*PG_of_<sup>LSR-10</sup>(1<sup>st</sup> 2 Bytes)*EA
PAM*47*PG_of_<sup>LSR-10</sup>(2<sup>nd</sup> 2 Bytes)*EA
PAM*KC*DQTYEU-5*EA
PAM*QP*PQTYPS-5*EA
PAM*BH*DDQTY<sup>DL-23</sup>*EA
                                                                                 [If this segment appears then EXP^{LSR-26} = "Y"]
SAC*N**TI*EXP
DTM*097*D/TSENT{CCYYMMDD}<sup>LSR-12</sup>*D/TSENT{HHMM}<sup>LSR-12</sup>
DTM*150*DDD{CCYYMMDD}<sup>LSR-14</sup>***TM*APPTIME{HHMM}<sup>LSR-15</sup>
DTM*992****TM*DFDT{HHMM}<sup>LSR-19</sup>
DTM*270*DATED{CCYYMMDD}<sup>LSR-36</sup>
SI*TI*TY*TOS<sup>LSR-44</sup>
SI*TI*RE*REQTYPLSR-23
```

SI\*TI\*AA\*<u>ACT</u>LSR-24 SI\*TI\*PW\***PORTTYP**<sup>LSR-38</sup> SI\*TI\*LO\**LST*<sup>LSR-42</sup> SI\*TI\*NC\***NC**<sup>LSR-46</sup> SI\*TI\*NI\* NCL PID\*S\*\*TI\*AH\*\*\*SO-RSQ\*CHCLSR-22 PID\*S\*\*TI\*CONVIND\*\*\*SO-RSQ\*CONVINDLSR-24a PID\*S\*\*TI\*AO\*\*\*SO-RSQ\*AGAUTH PID\*S\*\*TI\*BI\*\*\*SO-RSQ\*FBIEU-42 PID\*S\*\*TI\*PENDING\*\*\*SO-RSQ\***PENDING ORDER**LSR-108b PWK\*DW\*NS\*1\*DG\*91\***DRC**LSR-98 N9\*H7\*ORI\**EU*\*\*\*\*2W>**MANUAL IND**<sup>EU-63a</sup> MTX\*\***REMARKS**<sup>EU-63</sup> N9\*H7\*ORI\**LSR*\*\*\*\*2W>**MANUAL IND**<sup>LSR-108a</sup> MTX\*\***REMARKS**<sup>LSR-108</sup> N9\*H7\*ORI\**PORT*\*\*\*\*2W>**MANUAL IND**<sup>PS-61a</sup> MTX\*\***REMARKS**<sup>PS-61</sup> N1\*78\***CCNA**LSR-1 NX2\*91\***APOT**LSR-41 PER\*AG\*INIT<sup>LSR-81</sup>\*TE\*TEL NO<sup>LSR-82</sup>\*FX\*FAX NO<sup>LSR-84</sup>\*EM\*EMAIL<sup>LSR-83</sup> PER\*CN\**IMPCON<sup>LSR-91</sup>*\*TE\**TEL NO<sup>LSR-92</sup>*\*BN\**PAGER<sup>LSR-93</sup>* N1\*AN\**AUTHNM<sup>LSR-37</sup>* N1\*DG\**DSGCON<sup>LSR-97</sup>* PER\*DE\*\*FX\* FAX NOLSR-100 N1\*X1\*BILLNM<sup>EU-43</sup> N2\* SBILLNM N4\*\***STATE**<sup>EU-49</sup>\***ZIP**<sup>EU-50</sup> NX2\*01\*SANO<sup>EU-45b</sup> 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**<sup>EU-45a</sup> NX2\*61\***SASF**EU-45c NX2\*62\*SATH<sup>EU-45f</sup>

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

PER\*BI\* BILLCONEU-51\*TE\*TEL NOEU-52

SI\*TI\*AF\***AFT**<sup>EU-44a</sup>

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

SLN\**BL*\*n\*A\*1\*EA SI\*TI\*BB\***BA**<sup>PS-52</sup>\*TB\***BLOCK**<sup>PS-53</sup>

PO1\*n\*1\*EA\*\*\*ZZ\**PS* SI\*TI\*SA\*<u>LNA</u><sup>PS-12</sup> SI\*TI\*TN\***TNS**<sup>PS-16</sup> [PO1 Loop may repeat] SI\*TI\*OT\* OTNPS-20 SI\*TI\*CM\*CKRPS-29 SI\*TI\*CN\***ECCKT**PS-32 SI\*TI\*T6\***TC OPT**<sup>PS-33</sup> SI\*TI\*TS\***SGNL**<sup>PS-48</sup> SI\*TI\*SY\***SSIG**PS-49 PID\*X\*\*TI\*CFA\*CFA REF\*IX\* LOCNUM<sup>PS-8</sup>\*LOCNUM REF\*IX\* LNUM<sup>PS-9</sup>\*LNUM REF\*GP\***TSP**<sup>PS-27</sup> REF\*AE\***SAN**PS-28 DTM\*376\*TC PER{CCYYMMDD} 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 N1\*TT\* TC NAME<sup>PS-34b</sup> 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 NAME REF\*55\*TCIDPS-36\*SEC

Port Service Form

 PO1\*n\*1\*EA\*\*\*ZZ\* EU\_DISC
 [PO1 Loop may repeat]

 SI\*TI\*ND\***DISC NBR**<sup>EU-55</sup>
 [PO1 Loop may repeat]

 SI\*TI\*T6\***TC OPT**<sup>EU-57</sup>
 [PO1 Loop may repeat]

 REF\*IX\* **DNUM**<sup>EU-54</sup> **DNUM** DTM\*376\***TC PER**{CCYYMMDD}<sup>EU-62</sup>

 SLN\***TCPR**/\*n\*A\*1\*EA
 SI\*TI\*TC\***TC TO PR**<sup>EU-58</sup>

 N1\*TT\***TC NAME**<sup>EU-58b</sup>
 REF\*55\***TCID**<sup>EU-58a</sup> **PR**I

 SLN\***TCSEC**\*n\*A\*1\*EA
 [SLN Loop may repeat]

 SI\*TI\*TC\***TC TO SEC**<sup>EU-59</sup>
 N1\*TT\***TC NAME**<sup>EU-61</sup>

 REF\*55\***TCID**<sup>EU-60\*</sup>SEC
 [SLN Loop may repeat]

End User Form (Disconnect Information Section)

NX2\*59\***SAPR**<sup>EU-10</sup> NX2\*61\***SASF**<sup>EU-12</sup> NX2\*62\***SATH**<sup>EU-15</sup> NX2\*<u>LD1</u><sup>EU-17</sup>\*LV1<sup>EU-18</sup> NX2\*<u>LD2</u><sup>EU-19</sup>\*LV2<sup>EU-20</sup> NX2\*<u>LD3</u><sup>EU-21</sup>\*LV3<sup>EU-22</sup> SI\*TI\*AF\***AFT**<sup>EU-9</sup>

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SLN\**FA*\*n\*A\*1\*EA SI\*TI\*SA\*<u>*FA*</u><sup>PS-58</sup>\*SC\**FEATURE*<sup>PS-59</sup> SI\*TI\*FD\**FEATURE DETAIL*<sup>PS-60</sup> [SLN Loop may repeat per FA/FEATURE pair]

[SI Segment may repeat]

#### DL Form (Delivery Address/Information Section)

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

PO1\*n\*1\*EA\*\*\*ZZ\* DA SI\*TI\*AD\***DACT**<sup>DL-81</sup> QTY\*31\***DIRQTYA**<sup>DL-103</sup>\*DY QTY\*38\***DIRQTYNC**<sup>DL-104</sup>\*DY N1\*DA\*DELNAME N4\*\***STATE**<sup>DL-99</sup>\***ZIP**<sup>DL-100</sup> NX2\*01\***DDANO**<sup>DL-85</sup> NX2\*02\***DDASN**<sup>DL-88</sup> NX2\*02\***DDASN**<sup>DL-88</sup> NX2\*03\***DDASD**<sup>DL-87</sup> NX2\*07\***CITY**<sup>DL-98</sup> NX2\*18\***DDALO**<sup>DL-90a</sup> NX2\*18\***DDALO**<sup>DL-90a</sup> NX2\*40\***DDASS**<sup>DL-90</sup> NX2\*59\***DDAPR**<sup>DL-84</sup> NX2\*61\***DDASF**<sup>DL-86</sup> NX2\*62\***DDATH**<sup>DL-89</sup>

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

PO1\*n\*1\*EA\*\*\*ZZ\*DL\*SH\*RTY<sup>DL-12</sup> SI\*TI\*LB\**LACT*DL-10 SI\*TI\*LE\**LTY*<sup>DL-13</sup> SI\*TI\*TW\***STYC**<sup>DL-15</sup> SI\*TI\*BR\*TOA SI\*TI\*DG\***DOI**<sup>DL-17</sup> SI\*TI\*DN\*DIRNAMEDL-34 SI\*TI\*BO\* BRODL-28 PID\*S\*\*TI\*AR\*\*\*SO-RSQ\* PID\*S\*\*TI\*AS\*\*\*SO-RSQ\* PID\*S\*\*TI\*AT\*\*\*SO-RSQ\*<u>ADI</u><sup>DL-61</sup> 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><sup>DL-27</sup> PID\*S\*\*TI\*BA\*\*\*SO-RSQ\***PROF**<sup>DL-32</sup> REF\*LI\***ALI**<sup>DL-11</sup> N9\*82\*PLA MTX\*\***PLA**DL-55 N9\*82\*LTXTY\*LTXTY<sup>DL-57</sup> MTX\*\*LTEXT<sup>DL-59</sup> N9\*H7\*ORI\**DL* MTX\*\***REMARKS**DL-113 N1\*DH\*LISTINGS IN2\*05\**LNLN*<sup>DL-45</sup> IN2\*02\**LNFN*<sup>DL-46</sup>\**LNFN*<sup>DL-46</sup> IN2\*21\***DES**<sup>DL-47</sup> IN2\*10\**TL*<sup>DL-48</sup>\**TL* IN2\*01\**TITLE1*<sup>DL-49</sup>\**TITLE1* IN2\*12\*DESDDL-50a\*DESD IN2\*10\**TLD*<sup>DL-51</sup>\**TLD* 

[PO1 Loop may repeat]

IN2\*01\**TITLE1D*<sup>DL-52</sup>\**TITLE1D* IN2\*18\**NICK*<sup>DL-54</sup> N4\*\**LAST*<sup>DL-71</sup> NX2\*01\**LANO*<sup>DL-63</sup> NX2\*02\**LASN*<sup>DL-66</sup> NX2\*03\**LASD*<sup>DL-65</sup> NX2\*07\**LALOC*<sup>DL-70</sup> NX2\*18\**LALO*<sup>DL-69</sup> NX2\*40\**LASS*<sup>DL-68</sup> NX2\*59\**LAPR*<sup>DL-62</sup> NX2\*61\**LASF*<sup>DL-64</sup> NX2\*62\**LATH*<sup>DL-67</sup> SI\*TI\*TN\**LTN*<sup>DL-39</sup> SI\*TI\*NS\**NSTN*<sup>DL-40</sup>

**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 #

#### 34.5.2 UADT 860 SUPP - Specific Fields - Version 4020

The 860UADT is identical to the 850UADT except for the following:

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

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

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

## 34.6 DATA DICTIONARY

34.6.1 850 Unbundled Analog DID/PBX Trunk Port Service Request (850UADT)

Functional Group ID=PO

#### Introduction:

The 850UADT Service Request will be used by the Co-Provider to initiate a service request for Unbundled Analog DID/PBX Trunk Port to Qwest.

This implementation guideline references the following:

- 1. LSOG 5, when applicable, 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 Notes and <u>RepeatComments</u>
М	0100	ST	Transaction Set Header	М	1	
М	0200	BEG	Beginning Segment for Purchase Order	Μ	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	
		LOOP ID - N1			200
3100	N1	Name	0	1	
		LOOP ID - N1			200
3100	N1	Name	0	1	
3600	PER	Administrative Communications Contact	0	>1	
		LOOP ID - N1			200
3100	N1	Name	0	1	
3200	N2	Additional Name Information	0	2	
3400	N4	Geographic Location	0	>1	
3450	NX2	Location ID Component	0	>1	
3600	PER	Administrative Communications Contact	0	>1	
3650	SI	Service Characteristic Identification	0	>1	

### Detail:

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

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		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		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - DL Form (Delivery	М	1		n4
0180	SI	Address/Information Section) Service Characteristic Identification	0	>1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - N1			200	
3500	N1	Name	0	1	200	
3800	N4	Geographic Location	0	1		
			-			

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38	350 NX2	Location ID Component	0	>1		
		LOOP ID - PO1			100000	
01	100 PO1	Baseline Item Data - DL Form (Service	М	1		n5
01	180 SI	Details Section) Service Characteristic Identification	0	>1		
		Loop ID - PID			1000	
05	500 PID	Product/Item Description	0	1		
10	000 REF	Reference Identification	0	>1		
		LOOP ID - N9			1000	
33	300 N9	Reference Identification	0	1		
34	400 MTX	Text	0	>1		
		LOOP ID - N9			1000	
33	300 N9	Reference Identification	0	1		
34	400 MTX	Text	0	>1		
		LOOP ID - N9			1000	
33	300 N9	Reference Identification	0	1		
34	400 MTX	Text	0	>1		
		LOOP ID - N1			200	
35	500 N1	Name	0	1		
36	650 IN2	Individual Name Structure Components	0	>1		
38	300 N4	Geographic Location	0	1		
38	350 NX2	Location ID Component	0	>1		
40	)50 SI	Service Characteristic Identification	0	>1		
		LOOP ID - PO1			100000	
01	100 PO1	Baseline Item Data - Dummy (DD)	М	1		n6

#### Summary:

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Pos <u>No.</u>	. Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop Notes and <u>RepeatComments</u>	
		LOOP ID - CTT			1	
0100	) CTT	Transaction Totals	0	1	n7	
0300	) SE	Transaction Set Trailer	М	1		

#### **Transaction Set Notes**

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

	Segment:	ST 1	Fransaction Set Header			
	Position: Loop:	0100				
	Level:	Heading				
	Usage:	Mandato	ry			
	Max Use:	1				
Sy	Purpose: yntax Notes:	To indica	ate the start of a transaction set and to assign a control nur	nbe	r	
Sem	antic Notes:	<ol> <li>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).</li> </ol>				
		2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.				
	Comments: Notes:	ST*850*	TRAN SET CONTROL #			
	Ref.	Data	Data Element Summary			
	Des.	Element	Name			
	<u>Attributes</u>		Manie			
М	ST01	143	Transaction Set Identifier Code	М	ID 3/3	
			Code uniquely identifying a Transaction Set			
			850 Purchase Order			
м	ST02	329		м	AN 4/9	
	0.02	020	Identifying control number that must be unique within the functional group assigned by the originator for a transactio	tran	saction set	

	Segment: Position: Loop: Level: Usage: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	0200 Heading Mandato 1 To indica transmit 1 BEG	Beginning Segment for Purchase Order	er.	nation)
			Data Element Summary		
	Ref.	Data	News		
	<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>		
М	BEG01	353	Transaction Set Purpose Code	М	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
М	BEG02	92	Purchase Order Type Code	М	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
М	BEG03	324	Purchase Order Number	М	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number		
М	BEG05	373	Date	Μ	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner A Information)	cces	6

Segment:	<b>REF</b> Reference Identification
Position: Loop:	0500
Level:	Heading
Usage:	Optional
Max Use:	
Purpose:	To specify identifying information
Syntax Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.
Notes:	REF*11*AN(LSR-7)*AN REF*11*EAN(EU-40)*EAN REF*JB*PROJECT(LSR-20) REF*SU*RTR(LSR-28)*RTR REF*CO*RPON(LSR-51)*RPON REF*1V*RORD(LSR-52)*RORD REF*12*BAN1(LSR-61)*BAN1 REF*OW*ORD(PS-6)*ORD

#### Data Element Summary

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
м	Attributes REF01	128	Reference Identif	figation Qualifier	м	ID 2/3
IVI	REFUI	120			IVI	ID 2/3
				e Reference Identification		
			11	Account Number		
				Number identifies a telecommunication account	ons ir	ndustry
			12	Billing Account		
				Account number under which billing i	s ren	dered
			1V	Related Vendor Order Number		
				A vendor's order number that is in ad primary order number	dition	to a
			CO	Customer Order Number		
			JB	Job (Project) Number		
			OW	Service Order Number		
			SU	Number assigned when a customer of and equipment and which appears or Special Processing Code		service
				Unique code identifying the special har requirements for the claim	andlir	ng
	REF02	127	Reference Identi	fication	Х	AN 1/30
			specified by the Re	tion as defined for a particular Transac eference Identification Qualifier	tion S	Set or as
			AN (LSR-7) = Acco			
				isting Account Number		
			•	0) = Project Identification		
				esponse Type Requested Related Purchase Order Number		
				Related Order Number		

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		BAN1 (LSR-61) = Billing Account Number 1 ORD (PS-6) = Order Number		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elements content	s and	I their
		"AN"		
		"EAN"		
		"RTR"		
		"RPON"		
		"RORD"		
		"BAN1"		
		"ORD"		

# 

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

#### **Data Element Summary**

Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>	070	Overstity Overlifte	_	v	
PAM01	673	Quantity Qualifie		Х	ID 2/2
		Code specifying th	e type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a ne a previously transmitted quantity, after have been made		
		QP	Quantity by Position		
		T5	Total Number of Units		
PAM02	380	Quantity		Х	R 1/15
		Numeric value of q	uantity		
		LOCQTY (LSR-5) = First 2 bytes of PG Second 2 bytes of			

			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 A examples of use)	ppend	lix for
М	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	essed,	, or

	SAC
Segment:	<b>SAC</b> Service, Promotion, Allowance, or Charge Information
Position:	1200
Loop: Level:	SAC Optional Heading
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to
	specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.
-,	2 If either SAC03 or SAC04 is present, then the other is required.
	3 If either SAC06 or SAC07 is present, then the other is required.
	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.
	<ul> <li>3 SAC08 is the allowance or charge rate per unit.</li> <li>4 SAC10 and SAC11 is the quantity basis when the allowance or</li> </ul>
	charge quantity is different from the purchase order or invoice
	quantity.
	SAC10 and SAC11 used together indicate a quantity range, which
	could be a dollar amount, that is applicable to service, promotion,
	allowance, or charge.
	5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a
	specific reference number as identified by the code used.
	6 SAC14 is used in conjunction with SAC13 to identify an option when
	<ul><li>there is more than one option of the promotion.</li><li>SAC16 is used to identify the language being used in SAC15.</li></ul>
Comments:	<ol> <li>SAC10 is used to identify the language being used in SAC13.</li> <li>SAC04 may be used to uniquely identify the service, promotion,</li> </ol>
oonnonto.	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"]
Note3.	
	Data Element Summary
Ref.	Data
<u>Des.</u> Attributos	Element Name
Attributes M SAC01	248 Allowance or Charge Indicator M ID 1/1
	Code which indicates an allowance or charge for the service specified
	Code which marcales an anowance of charge for the service specified

М

		Ν	No Allowance or Charge		
SAC03	559	Agency Qualif	ier Code	Х	ID 2/2
		Code identifying	g the agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	1301	Agency Servic Code	ce, Promotion, Allowance, or Charge	Х	AN 1/10
		Agency maintai	ined code identifying the service, promotion	on, a	llowance,
		or charge 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*097 DTM*150 DTM*992	M04 is present her DTM05 or I 7*D/TSENT{CC 0*DDD{CCYYM 2****TM*DFDT{		I}(LSR-12)
		Data Elem	ent Summary	
Ref.	Data		2	
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>		
DTM01	374	Date/Time Q	ualifier	M ID 3/3
		Code specifyi 097 150 270 992	ng type of date or time, or both date a Transaction Creation Service Period Start Date Filed Date Requested	ind time
DTM02	373	Date		X DT 8/8
		D/TSENT (LS DDD (LSR-14	ed as CCYYMMDD R-12) = Date Sent ) = Desired Due Date -36) = Date of Agency Authorization	
DTM03	337	Time		X TM 4/8
		or HHMMSSE (00-59), S = ir decimal secon hundredths (0	ed in 24-hour clock time as follows: H D, or HHMMSSDD, where H = hours (( Integer seconds (00-59) and DD = dec Inds are expressed as follows: D = ten (0-99) MM} (LSR-12) = Time Sent	00-23), M = minutes imal seconds;
DTM05	1250	Date Time P	eriod Format Qualifier	X ID 2/3
		Code indicatir TM	ng the date format, time format, or date Time Expressed in Format HHM Time expressed in the format H the numerical expression of hou on a twenty-four hour clock and expression of minutes within an	/M HMM where HH is urs in the day based I MM is the numerical
DTM06	1251	Date Time P	•	X AN 1/35
		Expression of times APPTIME{HH	a date, a time, or range of dates, time IMM} (LSR-15) = Appointment Time } (LSR-19) = Desired Frame Due Time	es or dates and

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Segment:	SI Service Characteristic Identification			
Position:	1850			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify service characteristic data			
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.			
	2 If either SI06 or SI07 is present, then the other is required.			
	<b>3</b> If either SI08 or SI09 is present, then the other is required.			
	4 If either SI10 or SI11 is present, then the other is required.			
	<b>5</b> If either SI12 or SI13 is present, then the other is required.			
	6 If either SI14 or SI15 is present, then the other is required.			
	7 If either SI16 or SI17 is present, then the other is required.			
	8 If either SI18 or SI19 is present, then the other is required.			
0	<b>9</b> If either SI20 or SI21 is present, then the other is required.			
Semantic Notes:	4 Old defines the second for each of the second scheme to infinite			
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.			
Notes:	SI*TI*TY*TOS(LSR-44)			
	SI*TI*RE*REQTYP(LSR-23)			
	SI*TI*AA*ACT(LSR-24)			
	SI*TI*PW*PORTTYP(LSR-38)			
	SI*TI*LO*LST(LSR-42)			
	SI*TI*NC*NC(LSR-46)			
	SI*TI*NI*NCI(LSR-48)			

### Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			
Μ	<u>Attributes</u> SI01	559	Agency Qualifier		М	ID 2/2
			Code identifying th	ne agency assigning the code values Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an indu	ustry code list qualifying the type of servi	се	
			characteristics			
			AA	Account Activity		
			LO	Local Exchange Carrier Service Office		
			NC	Network Channel		
			NI	Network Channel Interface		
			PW	Port Type		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			ACT (LSR-24) = $A$	Activity		
			A=(DWS : N-Ne			
				sconnect of Entire Account)		
			C=(DWS : C-Ch	nange) onv. As Specified)		
				nversion As Spec/No Listing)		

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

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

0	ΡΙΠ	Product/Item Description		
Segment:		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:		004 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.		
	5 If PI	009 is present, then PID05 is required.		
Semantic Notes:		PID03 to indicate the organization that publishes the code g referred to.	: list	
		4 should be used for industry-specific product description		
		8 describes the physical characteristics of the product ide	ntifie	d
		D04. A "Y" indicates that the specified attribute applies to		G
	item;	an "N" indicates it does not apply. Any other value is		
		erminate.		
Commonto		9 is used to identify the language being used in PID05.		
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th 4 is used. If PID01 equals "X", then both PID04 and PID05		
	used		are	
		PID06 when necessary to refer to the product surface or la	iyer	
	being	g described in the segment.	-	
		7 specifies the individual code list of the agency specified	in	
	PIDO			
Notes:		1*AH***SO-RSQ*CHC(LSR-22)		
		'I*CONVIND***SO-RSQ*CONVIND(LSR-24a) 'I*AO***SO-RSQ*AGAUTH(LSR-35)		
		'I*BI***SO-RSQ*FBI(EU-42)		
		TPENDING***SO-RSQ*PENDING ORDER(LSR-108b)		
D. (		Data Element Summary		
Ref.	Data Element	Namo		
<u>Des.</u> <u>Attributes</u>		inallie		
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	aalu	about u
		All Coardinated Llat Cut		

)		SILC
	AH	Coordinated Hot Cut
	AO	Agency Authorization Status
	BI	Final Bill Information Indicator
	CONVIND	Conversion Indicator
	PENDING	Pending Order

Μ

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

### **PWK** Paperwork

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		
	Ref.	Data				
	Des.	<b>Element</b>	<u>Name</u>			
	Attributes					
М	PWK01	755	Report Type Cod	le	Μ	ID 2/2
			item	e title or contents of a document, repor	t or s	supporting
			DW	Drawing(s)		
	PWK02	756	<b>Report Transmis</b>	sion Code	0	ID 1/2
			Code defining timi are to be sent	ng, transmission method or format by v	vhich	reports
			NS	Not Specified		
				Indicates that a report will be transmit nonspecified medium	ted v	via a
	PWK03	757	<b>Report Copies N</b>	•	ο	N0 1/2
			• •	pies of a report that should be sent to the	ne ac	
					10 40	
			1	Always One	_	
	PWK04	98	Entity Identifier (	Code	0	ID 2/3
			Code identifying a an individual	n organizational entity, a physical locat	ion, J	property or
			DG	Design Engineering		
				Identifies the design engineer or office engineer who will receive design spec		
	PWK05	66	Identification Co	ode Qualifier	Х	ID 1/2
			Code designating Identification Code 91		sed f	or
	DWW	07		Assigned by Seller or Seller's Agent	v	
	PWK06	67	Identification Co		Х	AN 2/80
			Code identifying a	party or other code		
			DRC (LSR-98) = D	Design Routing Code		

Segment:	N9 F	Reference Identification		
Position:	2950			
Loop:	N9	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:		nit identifying information as specified by the Reference tion Qualifier		
Syntax Notes:	1 At le	ast one of N902 or N903 is required.		
		06 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is required.		
		her C04005 or C04006 is present, then the other is required.		
Semantic Notes:		6 reflects the time zone which the time reflects.		
•	<b>2</b> N90	7 contains data relating to the value cited in N902.		
Comments:				
Notes:	N9"H7"C	)RI*EU****2W>MANUAL IND(EU-63a)		
Ref.	Data	Data Element Summary		
		Namo		
<u>Des.</u> Attributes	<u>Element</u>	Name		
N901	128	Reference Identification Qualifier	N	ID 2/3
		Code qualifying the Reference Identification		

Standard Clause

Order Instructions

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

To identify one or more reference numbers or identification numbers as

Reference information as defined for a particular Transaction Set or as

Change Order Authority

H7

ORI

"EU"

2W

**Reference Identification** 

**Free-form Description** 

**Reference Identifier** 

Free-form descriptive text

**Reference Identification** 

specified by the Reference Qualifier

**Reference Identification Qualifier** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier MANUAL IND (EU-63a) = Manual Indicator

127

369

C040

128

127

Μ

М

Μ

N902

N903

N907

C04001

C04002

X AN 1/30

AN 1/45

ID 2/3

AN 1/30

Х

Ο

Μ

Segment:	MT)	Text		
Position:	3000			
Loop:		Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:		fy textual data		
Syntax Notes:	•	TX01 is present, then MTX02 is required.		
Syntax Notes.		TX03 is present, then MTX02 is required.		
		TX05 is present, then MTX02 is required.		
Comantia Natao				
Semantic Notes:		(05 is the number of lines to advance before printing.		
Comments:		TX04 is "AA - Advance the specific number of lines before	print	,
•• •		MTX05 is required.		
Notes:	MTX**R	EMARKS(EU-63)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

REMARKS (EU-63) = Remarks

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

	Attributes				
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		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	on nu	mbers as
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
Μ	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND (LSR-108a) = Manual Indicator		

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	<b>3</b> If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<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 prin then MTX05 is required.</li> </ol>	nt",	
Notes:	MTX**REMARKS(LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text X		AN 1/4096

To transmit large volumes of message text

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:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*H7*ORI*PORT****2W>MANUAL IND(PS-61a)
Ref.	Data Element Summary Data
-	

	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>	400			
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	n nu	mbers as
М	C04001	128	Reference Identification Qualifier	М	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	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:		Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:		fy textual data		
•	•	•		
Syntax Notes:		FX01 is present, then MTX02 is required.		
		TX03 is present, then MTX02 is required.		
<b>0</b> (1) <b>1</b> (		X05 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	print"	,
		MTX05 is required.		
Notes:	MTX**R	EMARKS(PS-61)		
		Data Element Summary		
Ref.	Data			
Des.	<b>Element</b>	Name		
<u>Attributes</u>				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		

REMARKS (PS-61) = Remarks

Segment:	N1 Name
Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (010.04) must provide a low to the table metricipand by the
	<ul><li>"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></ul>
Notes:	N1*78*CCNA(LSR-1)

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 an individual 78	an organizational entity, a physical lo Service Requester	cation,	property or
N102	93	Name		Х	AN 1/60
		Free-form name			
		CCNA (LSR-1) =	Customer Carrier Name Abbreviation		

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

# PER Administrative Communications Contact

Segment:

Position:	3600
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications
	should be directed
Syntax Notes:	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.
	2. If either DED07 or DED00 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		· · · · · · · · · · · · · · · · · · ·		
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
М	PER01	366	Contact Function	Code	М	ID 2/2
			Code identifying th	e major duty or responsibility of the pe	rson	or group
			named			0
			AG	Agent		
			CN	General Contact		
	PER02	93	Name		0	AN 1/60
			Free-form name			
			INIT (LSR-81) = Ini			
	DED02	265		= Implementation Contact Number Qualifier	х	ID 2/2
	PER03	365			~	
				e type of communication number		
		264	TE Communication	Telephone	х	
	PER04	364				AN 1/256
			applicable	nications number including country or a	rea c	code when
				= Telephone Number		
				= Telephone Number		
	PER05	365	Communication	Number Qualifier	Х	ID 2/2
			Code identifying th	e type of communication number		
			BN	Beeper Number		
			FX	Facsimile		
	PER06	364	Communication	Number	Х	AN 1/256
			Complete commun applicable	nications number including country or a	rea c	ode when
				= Facsimile Number		
			PAGER (LSR-93)	= Pager Number		
	PER07	365	Communication	Number Qualifier	Х	ID 2/2
			Code identifying th	e type of communication number		
			EM	Electronic Mail		

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

Segment:	N1 ⊾	lame								
Position:	3100	3100								
Loop:	N1									
Level:	Heading									
Usage:	Optional									
Max Use:	1									
Purpose:	To identi	fy a party by type of organization, name, and code								
Syntax Notes:	1 At le	ast one of N102 or N103 is required.								
	2 If eit	ner N103 or N104 is present, then the other is required.								
Semantic Notes:										
Comments:	1 This	segment, used alone, provides the most efficient method of								
	prov	ding organizational identification. To obtain this efficiency the								
	"ID (	Code" (N104) must provide a key to the table maintained by the	е							
	trans	saction processing party.								
		5 and N106 further define the type of entity in N101.								
Notes:	N1*AN*A	UTHNM(LSR-37)								
<b>.</b> .		Data Element Summary								
Ref.	Data									
Des.	<u>Element</u>	Name								
<u>Attributes</u>										
I N101	98	Entity Identifier Code M	ID 2/3							
		Code identifying an organizational entity, a physical location,	property or							

Authorized From

AUTHNM (LSR-37) = Authorization Name

A geographic location designated as an authorized

pick-up or origin point for a shipment

N102

93

an individual AN

Free-form name

Name

AN 1/60

Х

Segment:	N1 ⊾	lame							
Position:	3100								
Loop:	N1	N1 Optional							
Level:	Heading								
Usage:	Optional								
Max Use:	1								
Purpose:	To identi	fy a party by type of organization, name, and code							
Syntax Notes:	1 At le	ast one of N102 or N103 is required.							
	2 If eit	ner N103 or N104 is present, then the other is required.							
Semantic Notes:									
Comments:	1 This	segment, used alone, provides the most efficient method of							
	prov	ding organizational identification. To obtain this efficiency the	<b>;</b>						
	"ID (	Code" (N104) must provide a key to the table maintained by the	he						
		action processing party.							
		5 and N106 further define the type of entity in N101.							
Notes:	N1*DG*[	DSGCON(LSR-97)							
	-	Data Element Summary							
Ref.	Data								
Des.	<u>Element</u>	Name							
Attributes									
I N101	98	Entity Identifier Code M	,•						
		Code identifying an organizational entity, a physical location	i, property or						

Design Engineering

DSGCON (LSR-97) = Design/Engineering Contact

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

Μ

N102

93

an individual DG

Free-form name

Name

X AN 1/60

Segment:	PFR	Administrative Communications Contact		
•				
Position:	3600	<b>•</b> • •		
Loop:		Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:		fy a person or office to whom administrative communicat	lons	
-	00	e directed		
Syntax Notes:		her PER03 or PER04 is present, then the other is require		
		her PER05 or PER06 is present, then the other is require		
•	3 If eit	her PER07 or PER08 is present, then the other is require	∋d.	
Semantic Notes:				
Comments:	DED+DE			
Notes:	PER <sup>*</sup> DE	**FX*FAX NO(LSR-100)		
	_	Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes				
I PER01	366	Contact Function Code	Μ	ID 2/2
		Code identifying the major duty or responsibility of the p named	erson	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 o	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:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*X1*BILLNM(EU-43)
Ref.	Data Element Summary
Ref.	Data

Mail to

Code identifying an organizational entity, a physical location, property or

An address to which a specified item is to be mailed

Μ	

Des.

**Attributes** 

N101

N102

Element Name

**Entity Identifier Code** 

BILLNM (EU-43) = Bill Name

an individual X1

Free-form name

Name

98

93

ID 2/3

X AN 1/60

	Segment:	N2	Additional Name Information		
	<b>Position:</b>	3200			
	Loop:		Optional		
	Level:	Heading			
	Usage:	Optional			
	Max Use:	2			
-	Purpose:	To speci	fy additional names		
	tax Notes:				
	tic Notes:				
U	omments: Notes:	NO*CDII			
	Notes.	INZ ODIL	LNM(EU-44)		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
5.4	Attributes	02	Nome	м	
Μ	N201	93		VI	AN 1/60
			Free-form name		
			SBILLNM (EU-44) = Secondary Bill Name		

Segment:	N4 a	Beographic Location	
Position:	3400		
Loop:	N1	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To speci	fy the geographic place of the named party	
Syntax Notes:	•	one of N402 or N407 may be present.	
-,		06 is present, then N405 is required.	
		07 is present, then N404 is required.	
Semantic Notes:			
Comments:	<b>1</b> A co	mbination of either N401 through N404, or N405 and N406 n	nav
		dequate to specify a location.	,
		2 is required only if city name (N401) is in the U.S. or Canad	a.
Notes:		TE(EU-49)*ZIP(EU-50)	
		Data Element Summary	
Ref.	Data		
Des.	Element	Name	
Attributes			
N402	156	State or Province Code	( ID 2/2
-		Code (Standard State/Province) as defined by appropriate g	Invernment
		agency	oveniment
		STATE (EU-49) = State/Province	
N/400	440		
N403	116		D ID 3/15
		Code defining international postal zone code excluding pun blanks (zip code for United States)	ctuation and
		ZIP (EU-50) = ZIP/Postal Code	

Sema	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ntax Notes: antic Notes: Comments:	3450 N1 Heading Optional >1 To define	e types and value	component		
	Notes:		SANO(EU-45b) SASN(EU-45e)			
			SASD(EU-45d) CITY(EU-48)			
		NX2*32*	FLOOR(EU-46)			
			ROOM/MAIL ST SASS(EU-45g)	OP(EU-47)		
		NX2*59*	SAPR(EU-45a)			
			SASF(EU-45c) SATH(EU-45f)			
			Data Elemei	at Summary		
	Ref.	Data	Data Liemei	it outilitary		
	Des.	<u>Element</u>	<u>Name</u>			
м	Attributes NX201	1106	Address Com	oonent Qualifier	м	ID 2/2
		1100	-	the type of address component		10 2/2
			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	a buil	ding
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		

М

NX202

166

#### Address Information

M AN 1/55

Address information
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 Suffix
SAPR (EU-45a) = Service Address Number Prefix
SASF (EU-45c) = Street Address Number Suffix
SATH (EU-45f) = Service Address Street Type

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

Updated: January 21, 2002

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:	<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>
	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.	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 service characteristics	/ice	
			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:	P01	Baseline Item Data - End User Form (Location and J	Acce	SS			
	Section)						
Position:	0100						
Loop:		PO1 Mandatory					
Level:	Detail						
Usage:	Mandato	ry					
Max Use: Purpose:	1 To oposi	fy basic and most frequently used line item data					
Syntax Notes:		0103 is present, then PO102 is required.					
Cyntax Hotes.		D105 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					
	5 If eit	her PO110 or PO111 is present, then the other is required					
		her PO112 or PO113 is present, then the other is required					
		her PO114 or PO115 is present, then the other is required					
		her PO116 or PO117 is present, then the other is required					
		her PO118 or PO119 is present, then the other is required					
		her PO120 or PO121 is present, then the other is required her PO122 or PO123 is present, then the other is required					
		her PO124 or PO125 is present, then the other is required					
Semantic Notes:			•				
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.					
	2 PO1	01 is the line item identification.					
		06 through PO125 provide for ten different product/service					
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,						
Netes		No., Model No., or SKU.					
Notes:	PO1*n*1*EA***ZZ*EU_SA [PO1 Loop may repeat]						
		Data Element Summary					
Ref.	Data						
Des.	<u>Element</u>	<u>Name</u>					
Attributes	250	Assigned Identification	~	A NI 4/20			
PO101	350	Assigned Identification	0	AN 1/20			
		Alphanumeric characters assigned for differentiation with	nat	ransaction			
		set "n" = nth assigned ID within PO1 loop					
PO102	330	Quantity Ordered	х	R 1/15			
10102	000	Quantity ordered	Λ				
		1 Always One					
PO103	255	-	0	ID 2/2			
FOIDS							
		Code specifying the units in which a value is being expre manner in which a measurement has been taken	ssea,	, 01			
		EA Each					
PO106							
•		Code identifying the type/source of the descriptive number					
		Product/Service ID (234)					
		ZZ Mutually Defined					

**Product/Service ID** 

"EU\_SA"

Identifying number for a product or service

234

PO107

X AN 1/48

Segment:	PID	Product/Item Description				
Position:	0500					
Loop:	PID					
Level:	Detail					
Usage: Max Use:	Optional 1					
Purpose:	To descr					
Syntax Notes:	1 If PI					
•	2 At le	ast one of PID04 or PID05 is required.				
		D07 is present, then PID03 is required.				
		D08 is present, then PID04 is required. D09 is present, then PID05 is required.				
Semantic Notes:		PID03 to indicate the organization that publishes the code	e list			
		g referred to.				
		04 should be used for industry-specific product description				
	code					
		08 describes the physical characteristics of the product ide D04. A "Y" indicates that the specified attribute applies to				
		; an "N" indicates it does not apply. Any other value is	uno			
		terminate.				
•		09 is used to identify the language being used in PID05.				
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", the				
	usec	04 is used. If PID01 equals "X", then both PID04 and PID05 are				
		 PID06 when necessary to refer to the product surface or la	iyer			
		g described in the segment.				
		07 specifies the individual code list of the agency specified	in			
Notes:	PID( PID*S**1	J3. TI*ANV***SO-RSQ*ANV(EU-8a)				
1000						
		Data Element Summary				
Ref.	Data	Nama				
<u>Des.</u> Attributes	<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	Х	ID 2/2		
		Code identifying the agency assigning the code values				
		TI Telecommunications Industry				
PID04	751	Product Description Code	Х	AN 1/12		
		A code from an industry code list which provides specific	data	about a		
		ANV Address Not Valid Indicator	_			
PID07	PID07 822 Source Subqualifier		0	AN 1/15		
		A reference that indicates the table or text maintained by Qualifier	the	Source		
		SO-RSQ Service Order - Reseller Questions lis	t			
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1		
	-	Code indicating a Yes or No condition or response				
		ANV (EU-8a) = Address Not Validated Indicator				
		. /				

		_		
Segment:	REF	Reference Identification		
Position:	1000			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	•	fy identifying information		
Syntax Notes:		ast one of REF02 or REF03 is required.		
		her C04003 or C04004 is present, then the other is require		
Semantic Notes:		her C04005 or C04006 is present, then the other is require 04 contains data relating to the value cited in REF02.	<i>:</i> 0.	
Comments:		04 contains data relating to the value cited in REF02.		
Notes:	RFF*IX*I	LOCNUM(EU-7)*LOCNUM		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	<u>Name</u>		
Attributes REF01	128	Reference Identification Qualifier	м	ID 2/3
	120		IVI	10 2/3
		Code qualifying the Reference Identification		
		IX Item Number		
REF02	127	Reference Identification	X	AN 1/30
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion \$	Set or as
		LOCNUM (EU-7) = Location Number		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content	s and	d their
		"LOCNUM"		

М

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

Data		
<u>Element</u>	<u>Name</u>	
5		
98	Entity Identifier Code	M ID 2/3
	Code identifying an organizational entity, an individual IT Installation on Site	a physical location, property or
93	Name	X AN 1/60
	Free-form name	
	NAME (EU-8) = End User Name	
3	Element 98	Element       Name         98       Entity Identifier Code         Code identifying an organizational entity, an individual         IT       Installation on Site         93       Name         Free-form 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.
NI (	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.	<u>Element</u> <u>Name</u>
<u>Attributes</u>	
N//02	156 State or Province Code X ID 2/2

N402	156	State or Province Code		Х	ID 2/2
		Code (Standard State/Provin	ce) as defined by appropriate	gov	ernment
		agency			
		STATE (EU-25) = State/Prov	rince		
N403	116	Postal Code		0	ID 3/15
		Code defining international p blanks (zip code for United \$	ostal zone code excluding pur States)	nctu	ation and
		ZIP (EU-26) = ZIP/Postal Co	de		
N405	309	Location Qualifier		Х	ID 1/2
		Code identifying type of loca	tion		
		RJ Region			
N406	310	Location Identifier		0	AN 1/30
		Code which identifies a spec	ific location		
		CALA (EU-26a) = Customer	Address Location Area		

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

## NX2 Location ID Component

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

		Jannar y		
Data <u>Element</u>	<u>Name</u>			
1106	Address Compon	ent Qualifier	Μ	ID 2/2
	Code qualifying the	e type of address component		
	13=(DWS : APT) 34=(DWS: LOT) 35=(DWS: RM) 36=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT) LD2(EU-19) = Loc 32=(DWS : FLR)	ation Designator 2		
	. ,	-		
	01	Street Number		
	02	Street Name		
	03	Prefix Direction		
	05	P.O. Box Number		
	06	Rural Route Number		
	07	City Name		
	<u>Element</u>	Data Element         Name           1106         Address Compon Code qualifying the LD1(EU-17) = Loca 13=(DWS : APT) 34=(DWS : LOT) 35=(DWS : RM) 36=(DWS : SLIP) 37=(DWS : UNIT) 14=(DWS : SUIT)           LD2(EU-19) = Loca 32=(DWS : FLR)           LD3(EU-21) = Loca 12=(DWS : BLD0 63=(DWS : WNG 30=(DWS: PIER)           01 02 03 05 06	Data ElementName1106Address Component Qualifier Code qualifying the type of address componentLD1(EU-17) = Location Designator 1 13=(DWS: APT) 34=(DWS: LOT) 35=(DWS: RM) 36=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT)LD2(EU-19) = Location Designator 2 32=(DWS : FLR)LD3(EU-21) = Location Designator 3 12=(DWS : BLDG) 63=(DWS: WNG) 30=(DWS: PIER)01Street Number 0203Prefix Direction 0504Street Number 0605P.O. Box Number 06	ElementName1106Address Component Qualifier Code qualifying the type of address componentMLD1(EU-17) = Location Designator 1 13=(DWS: APT) 34=(DWS: LOT) 35=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT)1LD2(EU-19) = Location Designator 2 32=(DWS : FLR)LD2(EU-19) = Location Designator 2 32=(DWS : FLR)LD3(EU-21) = Location Designator 3 12=(DWS : BLDG) 63=(DWS: WNG) 30=(DWS: PIER)01O1Street Number 0203Prefix Direction 0505P.O. Box Number 0606Rural Route Number

	12	Building Name
	13	Apartment Number
	14	Suite Number
	30	Pier
		The pier at which a ship or boat is docked
	32	Floor
		A particular floor or level of a building
	34	Lot
		A particular lot or piece of land
	35	Room
		A walled room or partitioned area of a building
	36	Slip
		The slip or location on a pier at which a ship or boat
		is docked
	37	Unit
		A unit or separate structure
	39	Unstructured Property
	40	Street Suffix
	59	Street Number Low
	61	Street Number Fraction
	62	Street Name Suffix
	63	Secondary Unit Identifier
166	Address Informa	tion M AN 1/55
	Address information	
		Service Address Number
	· · · · ·	Service Address Street Name
	BOX (EU-13) = 3 BOX (EU-23c) = E	Service Address Street Directional Prefix
	ROUTE (EU-23b)	
	CITY (EU-24) = C	ty
	. ,	Assigned House Number
		Service Address Street Directional Suffix
		Service Address Number Prefix Service Address Number Suffix
	. ,	Service Address Street Type
	LV1 (EU-18) = Lo	cation Value 1
	LV2 (EU-20) = Lo	
	LV3 (EU-22) = Lo	cation Value 3

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

	Ref. <u>Des.</u>	Data <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 service characteristics	vice	
			AF Address Format Type		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			AFT (EU-9) = Address Format Type		

## PO1 Baseline Item Data - End User Form (Disconnect

Segment:	P01	Baseline Item Data - End User Form (Disconnect		
	Informa	tion Section)		
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 PO112 of PO115 is present, then the other is required.		
		her PO116 or PO117 is present, then the other is required.		
		her PO118 or PO119 is present, then the other is required.		
		her PO120 or PO121 is present, then the other is required.		
		her PO122 or PO123 is present, then the other is required.		
		her PO124 or PO125 is present, then the other is required.		
Semantic Notes:				
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.		
		01 is the line item identification.		
	3 PO1	06 through PO125 provide for ten different product/service	IDs	
	per e	each item. For example: Case, Color, Drawing No., U.P.C.	No.	
		No., Model No., or SKU.		
Notes:	PO1*n*1	*EA***ZZ*EU_DISC [PO1 Loop may repeat]		
		Data Element Summary		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes		<u></u>		
PO101	350	Assigned Identification	ο	AN 1/20
		Alphanumeric characters assigned for differentiation withi	n a t	
		set	in a t	
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	ο	ID 2/2
		Code specifying the units in which a value is being expres	ssed	or
		manner in which a measurement has been taken		
		EA Each		
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive number	r use	ed in

Code identifying the type/source of the descriptive number used in Product/Service ID (234) ZZ Mutually Defined PO107 234 Product/Service ID X AN 1/48 Identifying number for a product or service "EU\_DISC"

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
oonments.	qualifiers.
Notes:	SI*TI*ND*DISC NBR(EU-55)
	SI*TI*T6*TC OPT(EU-57)

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
Μ	SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
			Code identifying t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
Μ	SI02	1000	Service Charact	eristics Qualifier	Μ	AN 2/2
			Code from an ind characteristics ND	lustry code list qualifying the type of ser Disconnect Number	vice	
			T6			
	0100	004		Transfer of Call Options		
Μ	SI03	234	Product/Service		Μ	AN 1/48
			Identifying numbe	er for a product or service		
			· ·	5) = Disconnect Telephone Number = Transfer of Call Options		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eitt 3 If eitt	Reference Identification Mandatory fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require 04 contains data relating to the value cited in REF02.		
Comments: Notes:	REF*IX*I	DNUM(EU-54)*DNUM		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
Attributes REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification IX Item Number		
REF02	127	Reference Identification	X	AN 1/30
		Reference information as defined for a particular Transact specified by the Reference Identification Qualifier DNUM (EU-54) = Disconnect Line Number	uon s	
REF03	352	Description	X	AN 1/80
		A free-form description to clarify the related data element	s and	d their

м

content "DNUM"

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>DTM Date/Time Reference</li> <li>2100</li> <li>PO1 Mandatory</li> <li>Detail</li> <li>Optional</li> <li>10</li> <li>To specify pertinent dates and times</li> <li>1 At least one of DTM02 DTM03 or DTM05 is required.</li> <li>2 If DTM04 is present, then DTM03 is required.</li> <li>3 If either DTM05 or DTM06 is present, then the other is required.</li> </ul>			
Notes:	DTM*376	6*TC PER{CCYYMMDD}(EU-62)		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
DTM01	374	Date/Time Qualifier	М	ID 3/3
		Code specifying type of date or time, or both date and time 376 Delivery End The date that deliveries will end	e	
DTM02	373	Date Date expressed as CCYYMMDD TC PER (EU-62) = Transfer of Calls Period	X	DT 8/8

М

Segment: Position:	<b>SLN</b> 4700	Subline Item Detail
Loop:	SLN	Optional
Level: Usage:	Detail Optional	
Max Use:	1	
Purpose:	To speci	fy product subline detail item data
Syntax Notes:	2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith 10 If eith	her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN21 or SLN22 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.
	level 3 SLN subli 4 SLN	02 is the identifying number for the subline level. The subline I is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the ine item to the baseline item. 08 is a code indicating the relationship of the price or amount to
Comments:		associated segment. the Data Element Dictionary for a complete list of IDs.
comments.	2 SLN item	01 is related to (but not necessarily equivalent to) the baseline number. Example: 1.1 or 1A might be used as a subline number late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,
Notes:		N No., Model No., or SKU. PRI*n*A*1*EA
NOLES.		
Ref.	Data	Data Element Summary
Des.	<b>Element</b>	Name
Attributes		
I SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set "TCPRI"
SI NIUS	350	
SLN02	220	0
		Alphanumeric characters assigned for differentiation within a transaction set "n" = nth assigned ID within SLN loop

NЛ
IVI

Μ

SLN03

SLN04

662

380

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Code indicating the relationship between entities

Add

**Relationship Code** 

А

Quantity

ID 1/1

R 1/15

Μ

Х

			Numeric value of 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	Append M	lix for ID 2/2
			Code specifying the units in which a value is being experiment has been taken EA Each		

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

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

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:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*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 entity, a ph an individual TT Transfer To	ysical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (EU-58b) = Transfer of Calls to Nar	ne

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	5800 N1 Detail Optional 12 To speci <b>1</b> At le <b>2</b> If eitt <b>3</b> If eitt	Reference Identification Dptional y identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required of contains data relating to the value cited in REF02.		
Comments:	I KEF	04 contains data relating to the value cited in REF02.		
Notes:	REF*55*	TCID(EU-58a)*PRI		
Ref. Des.	Data Element	Data Element Summary Name		
Attributes				
I REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification55Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transaction	on S	Set or as

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

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

Description

content "PRI"

М

REF03

352

Χ

AN 1/80

Segment:	SLN	Subline Item Detail
Position:	4700	
Loop:	SLN Detail	Optional
Level: Usage:	Detail Optional	
Max Use:	1	
Purpose:	To speci	fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
		N07 is present, then SLN06 is required. N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
		her SLN11 or SLN12 is present, then the other is required.
	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
		is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ne item to the baseline item.
		08 is a code indicating the relationship of the price or amount to associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:	SLN*TC	SEC*n*A*1*EA [SLN Loop may repeat]
		Data Element Summary
Ref.	Data	,
Des.	<u>Element</u>	Name
<u>Attributes</u>	250	Acciment Identification M AN 4/20
I SLN01	350	Assigned IdentificationMAN 1/20Alphanumeric 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
		"n" = nth assigned ID within SLN loop
I SLN03	662	Relationship Code M ID 1/1

SLN04

М

Μ

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А

380

Quantity

Code indicating the relationship between entities

Add

X R 1/15

			Numeric value of 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	Appenc M	lix for
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each		

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

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

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:	1 This segment, used alone, provides the most efficient method of
	providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the
	<ul><li>transaction processing party.</li><li>N105 and N106 further define the type of entity in N101.</li></ul>
Notes:	N1*TT*TC NAME(EU-61)
NOLES.	

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 physian individual TT Transfer To	sical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (EU-61) = Transfer of Calls to Name	

Segment:	REF	Reference Identification		
Position:	5800			
Loop:	N1	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	12			
Purpose:	To speci	fy identifying information		
Syntax Notes:	1 At le	ast one of REF02 or REF03 is required.		
	2 If eit	her C04003 or C04004 is present, then the other is required.		
	3 If eit	her C04005 or C04006 is present, then the other is required.		
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
Comments:				
Notes:	REF*55*	TCID(EU-60)*SEC		
		Data Element Summary		
Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
I REF01	128	Reference Identification Qualifier	М	ID 2/3

Code qualifying the Reference Identification

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

**Reference Identification** 

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

55

Description

content "SEC"

127

352

Μ

REF02

REF03

X AN 1/30

AN 1/80

Х

Segment:	PO1 Baseline Item Data - Port Service Form
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.
	3 PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case. Color. Drawing No., U.P.C. No.,

- 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\*PS [PO1 Loop may repeat]

Ref.	Data	-		
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a t	ransaction
		"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 express manner in which a measurement has been taken EA Each	sed,	or
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in
PO107	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		
		"PS"		

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:	4 Clot defines the source for each of the convice characteristics
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*SA*LNA(PS-12)
	SI*TI*TN*TNS(PS-16)
	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*TS*SGNL(PS-48)
	SI*TI*SY*SSIG(PS-49)

			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	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of serv	ice	
			CM	Local Service Providers Circuit Number	er	
			CN	Circuit Number Identification		
			OT	Old Telephone Number		
			SA	Service Activity		
			SY	Start Signaling		
			Т6	Transfer of Call Options		
			TN	Telephone Number		
			TS	Type of Signaling		
Μ	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			LNA (PS-12) = Lir CT=(DWS: X-T C=(DWS: C-Cl	N Change)		
				0,		

A=(DWS: N-New) D=(DWS: D-Disconnect) V=(DWS: V-Conversion As Specified) P=(DWS: P-PIC Change)

TNS (PS-16) = Telephone Numbers OTN (PS-20) = Out Telephone Number CKR (PS-29) = Customer Circuit Reference ECCKT (PS-32) = Exchange Company Circuit ID TC OPT (PS-33) = Transfer of Call Options SGNL (PS-48) = Signaling SSIG (PS-49) = Start Signaling

Segment:	PID	Product/Item Description		
Position:	0500			
Loop:	PID	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1 To dooor	ibe a product or process in coded or free form formet		
Purpose: Syntax Notes:		ibe a product or process in coded or free-form format D04 is present, then PID03 is required.		
Syntax Notes.		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	
		g referred to.		
	2 PIDC code	04 should be used for industry-specific product description		
		30. 08 describes the physical characteristics of the product identified to the product identi	entifie	h
		D04. A "Y" indicates that the specified attribute applies to		
		; 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", t		
	PIDU	04 is used. If PID01 equals "X", then both PID04 and PID03	5 are	
		PID06 when necessary to refer to the product surface or I	aver	
		g described in the segment.		
		07 specifies the individual code list of the agency specified	l in	
	PIDC			
Notes:	PID*X**I	TI*CFA*CFA(PS-46)		
		Data Element Summary		
Ref.	Data	Data Liement Gammary		
Des.	Element	Name		
<u>Attributes</u>				
PID01	349	Item Description Type	Μ	ID 1/1
		Code indicating the format of a description		
		X Semi-structured (Code and Text)		
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	Product Description Code	Х	AN 1/12
		A code from an industry code list which provides specific	data	about a
		product characteristic		
		CFA Connecting Facility Assignment		
PID05	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element	ts and	d their
		content		

CFA (PS-46) = Connecting Facility Assignment

Μ

ę	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 PO1 Detail Optional >1 To specif 1 At le 2 If eitl 3 If eitl 1 REF REF*IX*L REF*IX*L REF*GP		3 is required. resent, then the other is required. resent, then the other is required.	
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summa <u>Name</u>	ry	
М	<u>Attributes</u> REF01	128	Reference Identification	Qualifier M	ID 2/3
				ization for Expense (AFE) Numbe nment Priority Number	r
	REF02	127	<b>Reference Identification</b>	X	AN 1/30
			Deference information on (		
			specified by the Reference LOCNUM (PS-8) = Locatic LNUM (PS-9) = Line Numb TSP (PS-27) = Telecomm SAN (PS-28) = Subscriber	on Number per unications Service Priority	i Set or as

Μ

•		1	me Reference		
Segment:		Date/1	me Reference		
Position:	2100				
Loop:	PO1	Mandator	У		
Level:	Detail				
Usage:	Optional				
Max Use:	10				
Purpose:	•		t dates and times		
Syntax Notes:			DTM02 DTM03 or DTM05 is required.		
			sent, then DTM03 is required.		
	3 If eit	ther DTM05	or DTM06 is present, then the other is required		
Semantic Notes:					
Comments:					
Notes:	DTM*37	6*TC PER{	CCYYMMDD}(PS-38)		
		Data El	lement Summen		
Ref.	Data	Data El	lement Summary		
		Namo			
<u>Des.</u> Attributes	<u>Element</u>	name			
DTM01	374	Date/Tim	e Qualifier	М	ID 3/3
		Code spec	cifying type of date or time, or both date and tim	ne	
		376	Delivery End		
		5/0	-		
		_	The date that deliveries will end		
DTM02	373	Date		Х	DT 8/8
		Date expre	essed as CCYYMMDD		
		TC PER (I	PS-38) = Transfer of Calls Period		
		,			

М

Segment:	N1 N	lame		
Position:	3500			
Loop:	N1 (	Optional		
Level:	Detail	•		
Usage:	Optional			
Max Use:	1			
Purpose:	To identi	fv a partv bv tvpe o	f organization, name, and code	
Syntax Notes:		ast one of N102 or	•	
• • • • • • • • • • • • • • • • • • • •			s present, then the other is required.	
Semantic Notes:				
Comments: Notes:	prov "ID ( trans 2 N10	iding organizational Code" (N104) must   saction processing	ne, provides the most efficient method identification. To obtain this efficiency provide a key to the table maintained b party. define the type of entity in N101.	the
		Data Element	Summary	
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
I N101	98	Entity Identifier C	Code	M ID 2/3
		Code identifying an an individual	n organizational entity, a physical locat	tion, property or
		P9	Primary Interexchange Carrier (PIC)	

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

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

interexchange calls

being billed

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

Code designating the system/method of code structure used for

**Identification Code Qualifier** 

Code identifying a party or other code

Identification Code (67)

**Identification Code** 

41

Μ

N103

N104

66

67

X ID 1/2

AN 2/80

Х

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

Μ

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
N101	98	Entity Identifier (	Code	М	ID 2/3
		Code identifying a an individual	n organizational entity, a physical locat	ion, p	property or
		8V	Primary Intra-LATA (Local Access Tra	anspo	ort Area)
			Carrier		
N103	66	<b>Identification Co</b>	de Qualifier	Х	ID 1/2
		Code designating Identification Code	the system/method of code structure us e (67)	sed fo	or
		41	Telecommunications Carrier Identifica	tion (	Code
			Identifies the Interexchange carrier for being billed	the	charges
N104	67	<b>Identification Co</b>	de	Х	AN 2/80
		Code identifying a	party or other code		
		LPIC (PS-23) = Int	traLATA Pre-subscription Indicator Code	е	

Comont	SIN	Subline Item Detail
Segment:		Subline item Detail
Position:	4700 CLN	Ontional
Loop: Level:	SLN Detail	Optional
Usage:	Optional	
Max Use:	1	
Purpose:	-	fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
•		N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
		her SLN11 or SLN12 is present, then the other is required.
		her SLN13 or SLN14 is present, then the other is required.
		her SLN15 or SLN16 is present, then the other is required.
		her SLN17 or SLN18 is present, then the other is required.
		her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
	2 SLN	02 is the identifying number for the subline level. The subline
		is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
Comments:		associated segment. the Data Element Dictionary for a complete list of IDs.
ooninients.		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*TCI	PRI*n*A*1*EA
		Data Flowant Commons
Ref.	Data	Data Element Summary
Des.	Element	Name
<u>Attributes</u>		<u>Nume</u>
I SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction
		set
		"TCPRI"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction
		set
		"n" = nth assigned ID within SLN loop

A		
n	n	

Μ

SLN03

SLN04

662

380

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Code indicating the relationship between entities

Add

**Relationship Code** 

А

Quantity

ID 1/1

R 1/15

Μ

Х

			Numeric value of 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	Append M	lix for
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each		

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1 Ta an acife a mina al ancataciatia data
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>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of 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 (PS-34) = Transfer of Calls to Primary Number	er	

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> </ol>
Netes	2 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	M ID 2/3
		Code identifying an organizational entity, a physian individual TT Transfer To	sical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (PS-34b) = Transfer of Calls to Name	9

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	5800 N1 Detail Optional 12 To speci 1 At le 2 If eitl 3 If eitl 1 REF	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require 04 contains data relating to the value cited in REF02.		
Notes: Ref.	Data	TCID(PS-34a)*PRI Data Element Summary		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
I REF01	128	Reference Identification QualifierCode qualifying the Reference Identification55Sequence Number	М	ID 2/3
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	X ction \$	AN 1/30 Set or as

TCID (PS-34a) = Transfer of Calls to Identifier

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

м

REF03

352

Description

content "PRI" Х

AN 1/80

		r					
Segment:	<b>JLI</b>	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.					
	13 If eit	her SLN27 or SLN28 is present, then the other is required.					
Semantic Notes:		01 is the identifying number for the subline item.					
		02 is the identifying number for the subline level. The subline					
		s analogous to the level code used in a bill of materials. 3 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.						
	2 SLN01 is related to (but not necessarily equivalent to) the baseline						
		item number. Example: 1.1 or 1A might be used as a subline number					
		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., No., No., Model No., or SKU.					
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]					
		Data Element Summary					
Ref.	Data						
Des.	<u>Element</u>	<u>Name</u>					
<u>Attributes</u>	250						
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					
JLINUZ	550	-					
		Alphanumeric characters assigned for differentiation within a transaction set					
		"n" = nth assigned ID within SLN loop					
I SLN03	662	Relationship Code M ID 1/1					
02.100							

SLN04

М

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А

380

Quantity

Code indicating the relationship between entities

Add

R 1/15

Х

			Numeric value of 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	s Append M	lix for
			Code specifying the units in which a value is being ex manner in which a measurement has been taken EA Each		

Segment:	SI Service Characteristic Identification
Position:	4800
Loop:	SLN Optional
Level:	Detail
Usage: Max Use:	Optional
	>1 Ta anna ife ann iad ab annatariatia data
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*TC*TC TO SEC(PS-35)

	Ref.	Data			
	<u>Des.</u> Attributes	<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		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	vice	
			TC Transfer Announcement Number		
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 Nu	Imper	r

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:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME(PS-37)

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

Segment:	<b>REF</b> Reference Identification					
Position:	5800					
Loop:	N1 Optional					
Level:	Detail					
Usage:	Optional					
Max Use:	12					
Purpose:	To specify identifying information					
Syntax Notes:	<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*55*TCID(PS-36)*SEC					
Data Element Summary						
Ref.	Data					
<u>Des.</u> <u>Attributes</u>	Element Name					

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier 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

Μ

REF01

REF02

REF03

128

127

352

55

Description

content "SEC" ID 2/3

AN 1/30

AN 1/80

Μ

Х

Х

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4700 SLN Detail Optional 1 To specir 1 If eitl 2 If SL 3 If SL 4 If eitl 5 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 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.	
S	emantic Notes: Comments:	<ul> <li>7 If eith</li> <li>8 If eith</li> <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>13 If eith</li> <li>1 SLNG</li> <li>2 SLNG</li> <li>1 See</li> <li>2 SLNG</li> <li>1 See</li> <li>2 SLNG</li> <li>1 See</li> <li>2 SLNG</li> <li>1 See</li> <li>3 SLNG</li> <li>1 See</li> <li>1 See</li> <li>2 SLNG</li> <li>1 See</li> <li>1 See</li> <li>1 See</li> <li>2 SLNG</li> <li>1 See</li> <li>1 See</li> <li>2 SLNG</li> <li>1 See</li> <li>1 See</li> <li>2 SLNG</li> <li>1 See</li> <li>1</li></ul>	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 SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. D1 is the identifying number for the subline item. D2 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of the ne item to the baseline item. D8 is a code indicating the relationship of the price or amount to associated segment. the Data Element Dictionary for a complete list of IDs. D1 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. D9 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No., I No., Model No., or SKU.	
	Notes:		n*A*1*EA	
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary	
1	<u>Attributes</u> SLN01	350	Assigned Identification M AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set	
	SLN02	350	"BL" Assigned Identification O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set "n" – nth assigned ID within SLN loop	
1	SLN03	662	"n" = nth assigned ID within SLN loop         Relationship Code       M ID 1/1         Code indicating the relationship between entities         A       Add	
	<b>_</b>			

Updated: January 21, 2002

SLN04

Μ

Μ

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Quantity

380

X R 1/15

			Numeric value of quantity 1 Always One		
	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	Appeno M	dix for
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each		

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

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

Position:4700Loop:SLNLevel:DetailUsage:OptionalMax Use:1Purpose:To speciSyntax Notes:1I if eit2If SL3If SL4If eit5If eit6If eit9If eit10If eit11If eit2SEmantic Notes:3SLNIeve3SLN4SLN4SLN4SLN4SLN4SLN4SLN4SLN		Subline Item Detail Optional  y 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 SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. her SLN28 is a code indicating the relationship of the her is required. her SLN28 is a code indicating the relationship of the pric		
Comments:	<ul> <li>2 SLN item to re</li> <li>3 SLN for e</li> </ul>	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]		
		Data Element Summary		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes SLN01	350	Assigned Identification M AN 1/20		
	330	Assigned IdentificationMAN 1/20Alphanumeric characters assigned for differentiation within a transaction		
		set		
		"FA"		
SLN02	350	Assigned Identification O AN 1/20		
		Alphanumeric characters assigned for differentiation within a transaction		

SLN03

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"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

set

А

Quantity

**Relationship Code** 

662

380

X R 1/15

ID 1/1

Μ

SLN04

Μ

М

			Numeric value of quantity 1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
м	C00101	355	To identify a composite unit of measure (See Figure examples of use) Unit or Basis for Measurement Code	es Appenc M	lix for ID 2/2
			Code specifying the units in which a value is being a manner in which a measurement has been taken EA Each	expressed	, 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:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI17 is present, then the other is required.</li> </ol>
	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	buillinal y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			• •	e agency assigning the code values		
			Π	Telecommunications Industry		
Μ	SI02	1000	Service Characte	ristics Qualifier	Μ	AN 2/2
			Code from an indus characteristics FD	stry code list qualifying the type of serv Feature Data	ice	
			SA	Service Activity		
м	SI03	234	Product/Service I		м	AN 1/48
141	5105	234		for a product or service	141	
			D = (DWS: D-Dis V = (DWS: V-Co CT = (DWS: T-C	dd) Change Feature Detail) sconnect) Inversion As Specified)		
	SI04	1000	Service Characte	ristics Qualifier	Х	AN 2/2
			characteristics SC	stry code list qualifying the type of serv Service Category	ice	
	SI05	234	Product/Service I	D	Х	AN 1/48
			Identifying number	for a product or service		
			FEATURE (PS-59)	= Feature Codes		

Segment:       PO1 Baseline Item Data - DL Form (Delivery         Address/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:       1         If PO103 is present, then PO102 is required.         2       If PO105 or PO107 is present, then the other is required.         3       If either PO106 or PO107 is present, then the other is required.         4       If either PO110 or PO111 is present, then the other is required.         5       If either PO112 or PO113 is present, then the other is required.         6       If either PO114 or PO115 is present, then the other is required.         7       If either PO116 or PO117 is present, then the other is required.         8       If either PO118 or PO119 is present, then the other is required.         9       If either PO122 or PO123 is present, then the other is required.         10       If either PO122 or PO123 is present, then the other is required.         11       If either PO124 or PO125 is present, then the other is required.         12       If either PO124 or PO125 is present, then the other is required. <t< th=""></t<>
Position:0100Loop:PO1MandatoryLevel:DetailUsage:MandatoryMax Use:1Purpose:To specify basic and most frequently used line item dataSyntax Notes:1If PO103 is present, then PO102 is required.2If PO105 is present, then PO104 is required.3If either PO106 or PO107 is present, then the other is required.4If either PO108 or PO109 is present, then the other is required.5If either PO112 or PO111 is present, then the other is required.6If either PO112 or PO113 is present, then the other is required.7If either PO114 or PO115 is present, then the other is required.8If either PO118 or PO117 is present, then the other is required.9If either PO118 or PO117 is present, then the other is required.1If either PO118 or PO119 is present, then the other is required.9If either PO118 or PO119 is present, then the other is required.1If either PO120 or PO121 is present, then the other is required.1If either PO124 or PO125 is present, then the other is required.1See the Data Element Dictionary for a complete list of IDs.2PO101 is the line item identification.3PO106 through PO125 provide for the different product/service IDs
Loop:PO1MandatoryLevel:DetailUsage:MandatoryMax Use:1Purpose:To specify basic and most frequently used line item dataSyntax Notes:1If PO103 is present, then PO102 is required.2If PO105 is present, then PO104 is required.3If either PO106 or PO107 is present, then the other is required.4If either PO108 or PO109 is present, then the other is required.5If either PO110 or PO111 is present, then the other is required.6If either PO112 or PO113 is present, then the other is required.7If either PO116 or PO117 is present, then the other is required.8If either PO118 or PO119 is present, then the other is required.9If either PO118 or PO119 is present, then the other is required.9If either PO120 or PO121 is present, then the other is required.1If either PO122 or PO123 is present, then the other is required.11If either PO124 or PO125 is present, then the other is required.12If either PO124 or PO125 is present, then the other is required.13See the Data Element Dictionary for a complete list of IDs.2PO101 is the line item identification.3PO106 through PO125 provide for ten different product/service IDs
Level:DetailUsage:MandatoryMax Use:1Purpose:To specify basic and most frequently used line item dataSyntax Notes:1If PO103 is present, then PO102 is required.2If PO105 is present, then PO104 is required.3If either PO106 or PO107 is present, then the other is required.4If either PO108 or PO109 is present, then the other is required.5If either PO110 or PO111 is present, then the other is required.6If either PO112 or PO113 is present, then the other is required.7If either PO114 or PO115 is present, then the other is required.8If either PO118 or PO119 is present, then the other is required.9If either PO118 or PO119 is present, then the other is required.1If either PO112 or PO121 is present, then the other is required.9If either PO122 or PO123 is present, then the other is required.1If either PO124 or PO125 is present, then the other is required.12If either PO124 or PO125 is present, then the other is required.12If either PO124 or PO125 is present, then the other is required.2PO101 is the line item identification.3PO106 through PO125 provide for ten different product/service IDs
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3 PO106 through PO125 provide for ten different product/service IDs
por each itom For example: Case Color Drawing No. LLP.C. No.
per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: PO1*n*1*EA***ZZ*DA [PO1 Loop repeats DDQTY(DL-23) times]
Data Element Summery
Data Element Summary Ref. Data
Des. Element Name
Attributes
PO101 350 Assigned Identification O AN 1/20
Alphanumeric characters assigned for differentiation within a transaction
Set
"n" = nth assigned ID within PO1 loop

		561		
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	Ο	ID 2/2
		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	ressec	l, 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 us	ed in
PO107	234	Product/Service ID Identifying number for a product or service "DA"	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.
	<ul><li>7 If either SI16 or SI17 is present, then the other is required.</li></ul>
	<ul><li>8 If either SI18 or SI19 is present, then the other is required.</li></ul>
	<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.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			AD Address Activity		
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:	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					

М	M ID 2/2
	X R 1/15
	ivery
	0
	endix for
М	M ID 2/2
	sed, or customer
M	sed, or

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

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

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

Segment:	N4 a	Beographic Location		
Position:	3800			
Loop:	N1	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To speci	fy the geographic place of the named party		
Syntax Notes:		one of N402 or N407 may be present.		
		06 is present, then N405 is required.		
	3 If N4	07 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 Canad	da.	
Notes:	N4**STA	TE(DL-99)*ZIP(DL-100)		
		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
		Code (Standard State/Province) as defined by appropriate	gove	ernment
		agency		
		STATE (DL-99) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding pur blanks (zip code for United States)	nctu	ation and
		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)

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	Ret.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	NX201	1106	Address Compon	ent Qualifier	Μ	ID 2/2
			Code qualifying the	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informat	ion	М	AN 1/55
			Address informatio	n		
			DDANO (DL-85) =	Delivery Address Number		
				Delivery Address Street Name		
				Delivery Address Street Directional Pre	efix	
			CITY (DL-98) = City			
			DDALO (DL-90a) =	Delivery Address Location		
				Delivery Address Street Directional Su	ffix	
			· · · · · ·	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.
	<b>3</b> If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	<b>9</b> If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
Osmanila Natasa	<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.
	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.
NI . 4	

# PO1\*n\*1\*EA\*\*\*ZZ\*DL\*SH\*RTY(DL-12) [PO1 Loop may repeat]

Notes:

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

		Product/Service	ID (234)		
		SH	Service Requested		
			A numeric or alphanumeric code from services available to the customer	n a li:	st of
PO109	234	Product/Servic	e ID	Х	AN 1/48
		Identifying numb	er for a product or service		
		RTY(DL-12) = Re	ecord Type		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*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>	<u>Name</u>			
М	Attributes SI01	559	Agonov Qualifiar	Codo	м	ID 2/2
М	5101	228	Agency Qualifier		IVI	
				ne agency assigning the code values		
	0100	4000		Telecommunications Industry		
Μ	SI02	1000	Service Characte		M	AN 2/2
				ustry code list qualifying the type of serv	ice	
			characteristics BO	Business/Residence Placement Over	rido	
			BR		lue	
				Directory Listings Type of Account		
			DG	Degree of Indent		
			DN	Directory Book Name		
			LB	Listing Activity Indicator		
			LE	Listing Type		
			TW	Style Code		
Μ	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			LACT (DL-10) = Li	sting Activity Indicator		
			LTY (DL-13) = List	ting Type		
			STYC (DL-15) = S	•		
			TOA (DL-16) = Typerate ToA (DL-16) = Typerate ToA (DL-16) = Typerate Type			
			DOI (DL-17) = Deg			
			DIRNAME (DL-34)	) = Directory Name		

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BRO (DL-28) = Business/Residence Placement Override

Segment: Position: Loop: Level: Usage: Max Use:	PID 0500 PID Detail Optional 1	Product/Item Des	cription		
Purpose: Syntax Notes:	To descr 1 If PII 2 At le	ibe a product or pro D04 is present, then ast one of PID04 or D07 is present, then	PID05 is required.		
Semantic Notes:	<ul> <li>5 If PII</li> <li>1 Use being</li> <li>2 PIDC code</li> </ul>	g referred to. 04 should be used fo es.	PID05 is required. ne organization that publishes the cod or industry-specific product description	ı	
-	in Pl item inde <b>4</b> PID0	D04. A "Y" indicate ; an "N" indicates it terminate. 99 is used to identify	ysical characteristics of the product id s that the specified attribute applies to does not apply. Any other value is the language being used in PID05.	o this	)d
Comments:	<ol> <li>If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.</li> <li>Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>				
Notes:	PID*S**1 PID*S**1 PID*S**1 PID*S**1 PID*S**1 PID*S**1 PID*S**1	TI*AR***SO-RSQ*OI TI*AS***SO-RSQ*LN TI*AT***SO-RSQ*AE TI*AW***SO-RSQ*D TI*AX***SO-RSQ*N( TI*AY***SO-RSQ*N( TI*AY***SO-RSQ*PF	NPL(DL-44) N(DL-61) ML(DL-25) DSL(DL-26) //KT(DL-27)		
Ref.	Data	Data Element S	Summary		
Des.	<u>Element</u>	<u>Name</u>			
Attributes PID01	349	Item Description	Туре	М	ID 1/1
		Code indicating the S	e format of a description Structured (From Industry Code List)	)	
PID03	559	Agency Qualifier Code identifying th TI	· · · ·	X	ID 2/2
PID04	751	Product Descript	on Code dustry code list which provides specific	<b>X</b> c data	AN 1/12 about a

Μ

		AW	Direct Mail List		
		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	822	Source Subqual	lifier	Ο	AN 1/15
		A reference that in Qualifier	ndicates the table or text maintained by	y the	Source
		SO-RSQ	Service Order - Reseller Questions li	ist	
PID08	1073	Yes/No Condition	n or Response Code	0	ID 1/1
		Code indicating a	Yes or No condition or response		
		OMTN (DL-41) = ( Y=(DWS: O-Or			
		Blank=(DWS: E	Blank-Do Not Omit)		
		Y = (DWS: L-Let	etter Name Placement		
			Blank-Default to Word Placement)		
			······		
		ADI (DL-61) = Add			
			nit in DA and Directory)		
		Blank=(DWS: E	Blank-Do Not Omit)		
		DML (DL-25) = Di	rect Mail List		
		Y=(DWS: O-On			
			lank-Do Not Omit)		
		TMKT (DL-27) = T			
		•	nit From Telemarketing) Blank-Do Not Omit)		
		NOSL (DL-26) = 1	No Solicitation Indicator		
		PROF $(DL-32) = F$	Professional Identifier		

Segment:	REF	Reference Identification			
Position:	1000				
Loop:	PO1	Mandatory			
Level:	Detail				
Usage:	Optional				
Max Use:	>1				
Purpose:	To speci	fy identifying information			
Syntax Notes: Semantic Notes:	2 If eit 3 If eit	ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required. her C04005 or C04006 is present, then the other is required. 04 contains data relating to the value cited in REF02.			
Comments: Notes:	REF*LI*ALI(DL-11)				
		Data Element Summary			
Ref.	Data				
<u>Des.</u> Attributes	<u>Element</u>	Name			
REF01	128	Reference Identification Qualifier	N	ID 2/3	
		Code qualifying the Reference Identification			

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

Line Item Identifier (Seller's)

Reference information as defined for a particular Transaction Set or as

М

REF02

LI

**Reference Identification** 

127

X AN 1/30

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

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N901	128	<b>Reference Iden</b>	tification Qualifier	Μ	ID 2/3
		Code qualifying t	he Reference Identification		
		82	Data Item Description (DID) Referen	nce	
			Specific data elements that the gov a contractor to provide and are spel requirement documents		
N902	127	Reference Iden	tification	Х	AN 1/30
			ation as defined for a particular Transa Reference Identification Qualifier	ction \$	Set or as
		"PLA"			

М

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

Attributes				
MTX02	1551	Message Text	Χ	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

<b>-</b> .	N9 <sub>R</sub>					
Segment:	INJ R	eference Identification				
Position:	3300					
Loop:		Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:		nit identifying information as specified by the Referen	nce			
		tion Qualifier				
Syntax Notes:		ast one of N902 or N903 is required.				
		06 is present, then N905 is required.				
		ner C04003 or C04004 is present, then the other is re				
		ner C04005 or C04006 is present, then the other is re	equired.			
Semantic Notes:		S reflects the time zone which the time reflects.				
-	<b>2</b> N90	7 contains data relating to the value cited in N902.				
Comments:						
Notes:	N9*82*L1	TXTY*LTXTY(DL-57)				
Def	Data	Data Element Summary				
Ref.	Data	News				
Des.	<u>Element</u>	<u>Name</u>				
Attributes	128	Reference Identification Qualifier	м	ID 2/3		
NJUT	120		IVI	10 2/5		
		Code qualifying the Reference Identification				
		82 Data Item Description (DID) Ref	erence			
		Specific data elements that the government will ask				
		a contractor to provide and are spelled out in specific requirement documents				
N902	127	Reference Identification	х	AN 1/30		
11302	121					
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		"LTXTY"				

Μ

N903

369

Free-form Description

Free-form descriptive text

LTXTY (DL-57) = Listing Text Type

AN 1/45

Х

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

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

Message Text

MTX02

1551

X AN 1/4096

Segment:	N9 Reference Identification					
Position:	3300					
Loop:	N9 Optional					
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To transmit identifying information as specified by the Reference					
	Identification Qualifier					
Syntax Notes:	1 At least one of N902 or N903 is required.					
	2 If N906 is present, then N905 is required.					
	<b>3</b> If either C04003 or C04004 is present, then the other is required.					
	<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*DL					
	Data Element Summary					
Ref.	Data					
Des.	Element Name					

Attributes				
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 specified by the Reference Identification Qualifier ORI Order Instructions		Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"DL"		

М

Segment:	MTX Text		
Position:	3400		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before pri	int",	
	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	X	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
Notes.	Data Element Summary

		Data Elemen	t Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
N101	98	Entity Identifier	Code	М	ID 2/3
		Code identifying an individual	an organizational entity, a phys	sical location,	property o
		DH	Doing Business As		
N102	93	Name		Х	AN 1/60
		Free-form name			
		"LISTINGS"			

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	3650 N1 Detail Optional >1	Optional	ructure Components			
	Semantic Notes: Comments: Notes:	IN2*02*L IN2*21*E IN2*10*T IN2*01*T	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*12*DESD(DL-50a)*DESD				
		IN2*01*T IN2*18*N	ITLE1D(DL-52)*TITLE IICK(DL-54)				
	Ref.	Data	Data Element Sumi	inar y			
	Des.	Element	<u>Name</u>				
	<u>Attributes</u>						
Μ	IN201	1104	Name Component		М	ID 2/2	
			Code identifying the	type of name component			
			01	Prefix			
			02	First Name			
			05	Last Name			
			10	Generation			
			12	Combined (Unstructured) Name			
				Preferred First Name or Nickname			
				Professional Title			
М	IN202	93	Name		м	AN 1/60	
141	INZUZ	33	Free-form name		141	AN 1/00	
				rad Nama Last			
			LNLN (DL-45) = List LNFN (DL-46) = List				
			DES (DL-47) = Desi				
			TL (DL-48) = Title of				
			TITLE1 $(DL-49) = Ti$				
				esignation for Dual Name			
			. ,	of Lineage for Dual Name			
				Title of Address 1 for Dual Name			
	IN203	93	NICK (DL-54) = Nicl Name	kname	0	AN 1/60	
	111203	93			U	AN 1/00	
			Free-form name	tod Nomo First			
			LNFN (DL-46) = List				
			"TL"				
			"TITLE1"				
			"DESD"				
			"TLD"				
			"TITLE1D"				

Segment:	N4 o	Geographic Location						
Position:	3800	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.						
		06 is present, then N405 is required.						
	3 If N4	07 is present, then N404 is required.						
Semantic Notes:								
Comments:		mbination of either N401 through N404, or N405 and N406 r	nay					
		dequate to specify a location.						
Neter		2 is required only if city name (N401) is in the U.S. or Canad	a.					
Notes:	N4^LAS	T(DL-71)						
		Data Element Summary						
Ref.	Data	Data Liement Summary						
Des.	Element	Name						
<u>Attributes</u>								
N402	156	State or Province Code	K ID 2/2					
		Code (Standard State/Province) as defined by appropriate of						
		Code (Clandard Clater Townee) as defined by appropriate g	joverninent					

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

agency

#### NX2 Location ID Component Segment: Position: 3850 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2\*01\*LANO(DL-63) NX2\*02\*LASN(DL-66) NX2\*03\*LASD(DL-65) NX2\*07\*LALOC(DL-70) NX2\*18\*LALO(DL-69) NX2\*40\*LASS(DL-68) NX2\*59\*LAPR(DL-62)

#### Data Element Summary

NX2\*61\*LASF(DL-64) NX2\*62\*LATH(DL-67)

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	NX201	1106	Address Compor	nent Qualifier	М	ID 2/2
			Code qualifying the	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informat	ion	Μ	AN 1/55
			Address information	n		
			LANO (DL-63) = Li	sted Address Number		
			LASN (DL-66) = Li	sted Address Street Name		
			LASD (DL-65) = Li	sted Address Street Directional Prefix		
			LALOC (DL-70) =	Listed Address Locality		
			LALO (DL-69) = Li	sted Address Location		
			LASS (DL-68) = Li	sted Address Street Directional Suffix		
				sted Address Number Prefix		
			LASF (DL-64) = Li	sted Address Number Suffix		
			LATH $(DL-67) = List$	sted Address Street Type		

Segment:	SI Service Characteristic Identification
Position:	4050
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*TN*LTN(DL-39) SI*TI*NS*NSTN(DL-40)

			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 t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
М	SI02	1000	Service Charact	eristics Qualifier	Μ	AN 2/2
			Code from an ind characteristics	lustry code list qualifying the type of ser	vice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
М	SI03	234	Product/Service	e ID	Μ	AN 1/48
			Identifying numbe	er for a product or service		
			· · ·	sted Telephone Number Non Standard Telephone Number		
			. ,	-		

Segment:	PO1 Baseline Item Data - Dummy (DD)
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.
	<b>3</b> If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	<b>9</b> If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: PO1\*DUMMY\*1\*EA\*\*\*ZZ\*DD

Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation withi set	n a t	ransaction
		"DUMMY"		
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 express manner in which a measurement has been taken EA Each	sed	or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"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.		
	<b>2</b> If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:			
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.		
Notes:	CTT*Number of PO1 Segments		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
Attributes CTT01	354 Number of Line Items	Л	N0 1/6

Total number of line items in the transaction set

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Segment:	SE T	ransaction Set Trailer						
Position:	0300							
Loop:	0							
Level:	Summar							
Usage: Max Use:	Mandato	ry						
Purpose:	To indica	o indicate the end of the transaction set and provide the count of the						
i uipose.		ed segments (including the beginning (ST) and ending (SE)	,					
Syntax Notes:	0	,						
Semantic Notes:								
Comments:		s the last segment of each transaction set.						
Notes:	SE*Num	ber of Segments*TRAN SET CONTROL #						
		Data Element Summary						
Ref.	Data							
Des.	Element	Name						
<u>Attributes</u>								
I SE01	96	Number of Included Segments N	Л	N0 1/10				
		Total number of segments included in a transaction set incl and SE segments	udiı	ng ST				
I SE02	329	Transaction Set Control Number	Л	AN 4/9				
		Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction						

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## 34.6.2 860 Unbundled Analog DID/PBX Trunk Port Service Request (860UADT)

Functional Group ID=PC

### Introduction:

The 860UADT will be used by the Co-Provider to change or cancel an 850UADT service request to Qwest.

This implementation guideline references the following:

- 1. LSOG 5, when applicable, 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 Notes and <u>RepeatComments</u>
М	0100	ST	Transaction Set Header	М	1	
Μ	0200	BCH	Beginning Segment for Purchase Order Change	М	1	
	0500	REF	Reference Identification	0	>1	
	0950	PAM	Period Amount	0	10	
			LOOP ID - SAC			25
	1200	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
	1500	DTM	Date/Time Reference	0	10	
	1850	SI	Service Characteristic Identification	0	>1	
	1900	PID	Product/Item Description	0	200	
	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	
	3350	NX2	Location ID Component	0	>1	
	3500	PER	Administrative Communications Contact	0	>1	

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

### Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop Notes and <u>RepeatComments</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	
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 Section)	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	
		LOOP ID - N1			10
5360	N1	Name	0	1	
5700	REF	Reference Identification	0	12	
		LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	0	1	
4700	SI	Service Characteristic Identification	0	>1	
		LOOP ID - N1			10
5360	N1	Name	0	1	

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5700	REF	Reference Identification	0	12		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Port Service Form	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
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		
			-			
4600	SLN	LOOP ID - SLN Subline Item Detail	0	1	>1	
4600			-			
4700	SI	Service Characteristic Identification LOOP ID - N1	0	>1	10	
5260	М		0	4	10	
5360 5700	N1 REF	Name Reference Identification	0	1 12		
5700			0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Delivery	0	1		
0180	SI	Address/Information Section) Service Characteristic Identification	0	>1		
0100	0	LOOP ID - QTY			<u></u>	
2930	QTY	Quantity	0	1	>1	
2330	QII	· · · · · · · · · · · · · · · · · · ·	0			
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
		LOOP ID - POC			>1	

0100	POC	Line Item Change - DL Form (Service Details Section)	0	1	
0180	SI	Service Characteristic Identification	0	>1	
		LOOP ID - PID			1000
0500	PID	Product/Item Description	0	1	
1000	REF	Reference Identification	0	>1	
		LOOP ID - N9			1000
3200	N9	Reference Identification	0	1	
3260	MTX	Text	0	>1	
		LOOP ID - N9			1000
3200	N9	Reference Identification	0	1	
3260	MTX	Text	0	>1	
		LOOP ID - N9			1000
3200	N9	Reference Identification	0	1	
3260	MTX	Text	0	>1	
		LOOP ID - N1			200
3400	N1	Name	0	1	
3550	IN2	Individual Name Structure Components	0	>1	
3700	N4	Geographic Location	0	1	
3750	NX2	Location ID Component	0	>1	
3950	SI	Service Characteristic Identification	0	>1	

### Summary:

М

Pos <u>No.</u>	. Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop Notes and <u>RepeatComments</u>
		LOOP ID - CTT			1
0100	) CTT	Transaction Totals	0	1	n1
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.

s	egment:	ST 1	ransaction Set Header	
	Position: Loop:	0100		
	Level:	Heading		
	Usage:	Mandato	ry	
Γ	Max Use:	1		
	Purpose:	To indica	ate the start of a transaction set and to assign a control numb	er
Synta	x Notes:			
Semanti	c Notes:	1 The	transaction set identifier (ST01) is used by the translation	
		routi	nes of the interchange partners to select the appropriate	
		trans	saction set definition (e.g., 810 selects the Invoice Transaction	1
		Set).		
			implementation convention reference (ST03) is used by the	
			slation routines of the interchange partners to select the	
			opriate implementation convention to match the transaction s	et
-		defir	ition.	
Co	mments:	OT+000+		
	Notes:	51"860"	TRAN SET CONTROL #	
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	<u>Name</u>	
	<u>Attributes</u>			
М	ST01	143	Transaction Set Identifier Code M	ID 3/3
			Code uniquely identifying a Transaction Set	
			860 Purchase Order Change Request - Buye	<sup>.</sup> Initiated
М	ST02	329	Transaction Set Control Number M	AN 4/9
			Identifying control number that must be unique within the tra	nsaction set
			functional group assigned by the originator for a transaction	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<ul> <li>BCH Beginning Segment for Purchase Order Change 0200</li> <li>Heading Mandatory <ol> <li>To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates</li> <li>BCH06 is the date assigned by the purchaser to purchase order.</li> <li>BCH09 is the seller's order number.</li> <li>BCH10 is the date assigned by the sender to the acknowledgment.</li> <li>BCH11 is the date of the purchase order change request.</li> </ol> </li> <li>BCH*SUP(LSR-25)*SS*PON(LSR-2)**VER(LSR-3)*PO Date (See Trading Partner Access Information)</li> </ul>						
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>					
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)					
М	BCH02	92	Purchase Order Type Code	М	ID 2/2			
			Code specifying the type of Purchase Order SS Supply or Service Order					
М	BCH03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	Μ	AN 1/22			
			PON (LSR-2) = Purchase Order Number	_				
	BCH05	327	Change Order Sequence Number Number assigned by the orderer identifying a specific cha revision to a previously transmitted transaction set	<b>O</b> nge	<b>AN 1/8</b> or			
	DOUM	070	VER (LSR-3) = Version Identification					
М	BCH06	373	Date expressed as CCYYMMDD	Μ	DT 8/8			
			PO Date = Purchase Order Date (See Trading Partner Ac Information)	cess	3			

Segment:	<b>REF</b> Reference Identification
Position: Loop:	0500
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes: Semantic Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Comments:	
Notes:	REF*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 REF*OW*ORD(PS-6)*ORD

### Data Element Summary

			Data Element	Summary		
	Ref.	Data	Nomo			
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
М	REF01	128	Reference Identif	fication Qualifier	М	ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunication	ons ir	ndustry
			12	Billing Account		
				Account number under which billing i	s ren	dered
			1V	Related Vendor Order Number		
				A vendor's order number that is in ad primary order number	dition	to a
			CO	Customer Order Number		
			JB	Job (Project) Number		
			OW	Service Order Number		
			SU	Number assigned when a customer of and equipment and which appears or Special Processing Code		service
				Unique code identifying the special har requirements for the claim	andlir	ng
	REF02	127	Reference Identif	fication	Х	AN 1/30
			specified by the Re	tion as defined for a particular Transac eference Identification Qualifier	tion S	Set or as
			AN (LSR-7) = Acco			
				isting Account Number 0) = Project Identification		
			•	esponse Type Requested		
				Related Purchase Order Number		
				Related Order Number		

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		BAN1 (LSR-61) = Billing Account Number 1 ORD (PS-6) = Order Number		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elements content	s and	l their
		"AN"		
		"EAN"		
		"RTR"		
		"RPON"		
		"RORD"		
		"BAN1"		
		"ORD"		

# 

Segment:	PAM Period Amount
Position:	0950
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2 At least one of PAM02 PAM05 or PAM14 is required.
	<b>3</b> If either PAM04 or PAM05 is present, then the other is required.
	4 If either PAM06 or PAM07 is present, then the other is required.
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is
	required.
	6 If PAM07 is present, then PAM06 is required.
	7 If PAM08 is present, then PAM07 is required.
	8 If PAM09 is present, then PAM07 is required.
	<b>9</b> If PAM10 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:	<ol> <li>PAM10, PAM11, or PAM12 are used when two dates are required.</li> <li>PAM15 indicates whether the measure identified in PAM05</li> </ol>
	2 PAM15 indicates whether the monetary amount identified in PAM05
	is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
Comments:	IN Indicates amount is a net value.
Notes:	
Notes.	PAM*T5*LOCQTY(LSR-5)*EA PAM*48*PG_of_(LSR-10)(1st 2 Bytes)*EA
	PAM*47*PG_of_(LSR-10)(18t 2 Bytes)*EA
	PAM*KC*DQTY(EU-5)*EA
	PAM*QP*PQTY(PS-5)*EA
	PAM*BH*DDQTY(DL-23)*EA

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
<u>Attributes</u> PAM01	673	Quantity Qualifie	r	Х	ID 2/2
		Code specifying th	e type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a ne a previously transmitted quantity, after have been made		
		QP	Quantity by Position		
		T5	Total Number of Units		
PAM02	380	Quantity		Х	R 1/15
		Numeric value of q	uantity		
		LOCQTY (LSR-5) = First 2 bytes of PG Second 2 bytes of			

			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 A examples of use)	\ppenc	lix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	ressed	, or

Commont	<b>SAC</b> Service, Promotion, Allowance, or Charge Information
Segment:	
Position:	1200 SAC Ontional
Loop: Level:	SAC Optional Heading
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to
	specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.
	2 If either SAC03 or SAC04 is present, then the other is required.
	3 If either SAC06 or SAC07 is present, then the other is required.
	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.
	<ul><li>7 If SAC14 is present, then SAC13 is required.</li></ul>
	<ul><li>8 If SAC16 is present, then SAC15 is required.</li></ul>
Semantic Notes:	<ol> <li>If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or</li> </ol>
	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.
Commonto	<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 continue promotion.</li> </ul>
Comments:	<ol> <li>SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with</li> </ol>
	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" -
<b>N</b> .	Dollars in SAC09.
Notes:	SAC*N**TI*EXP [If this segment appears then EXP(LSR-26) = "Y"]
Dof	Data Element Summary Data
Ref. <u>Des.</u>	Element Name
<u>Attributes</u>	
A SAC01	248 Allowance or Charge Indicator M ID 1/1
	Code which indicates an allowance or charge for the service specified

М

		Ν	No Allowance or Charge		
SAC03	559	Agency Qualif	ier Code	Х	ID 2/2
		Code identifying	g the agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	1301	Agency Servic Code	ce, Promotion, Allowance, or Charge	Х	AN 1/10
		Agency maintai	ined code identifying the service, promotion	on, a	llowance,
		or charge EXP	Expedited Service Charge		

ę	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1500 Heading Optional 10 To speci 1 At le 2 If DT 3 If eit DTM*09 DTM*150 DTM*992	<ul> <li>Heading</li> <li>Optional</li> <li>10</li> <li>To specify pertinent dates and times</li> <li>1 At least one of DTM02 DTM03 or DTM05 is required.</li> <li>2 If DTM04 is present, then DTM03 is required.</li> </ul>			
		Data Element Summary				
	Ref. Des.	Data	Namo			
	<u>Attributes</u>	<u>Element</u>	Mante			
М	DTM01	374	Date/Time Quali	fier	Μ	ID 3/3
				vpe of date or time, or both date and tim	ne	
			097	Transaction Creation		
			150	Service Period Start		
			270 992	Date Filed Date Requested		
	DTM02	373	Date	Date Requested	х	DT 8/8
	DIMOL	010	Date expressed as CCYYMMDD			
			D/TSENT (LSR-12) = Date Sent DDD (LSR-14) = Desired Due Date DATED (LSR-36) = Date of Agency Authorization			
	DTM03	337	Time		Х	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM or HHMMSSD, or HHMMSSDD, where H = hours (00-23) (00-59), S = integer seconds (00-59) and DD = decimal s decimal seconds are expressed as follows: D = tenths (0 hundredths (00-99) D/TSENT{HHMM} (LSR-12) = Time Sent			= minutes nds;
	DTM05	1250			Х	ID 2/3
			Code indicating the date format, time format, or date and t		time	format
			TM	Time Expressed in Format HHMM		
				Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerica expression of minutes within an hour		
	DTM06	1251	Date Time Perio		Х	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times			
				{ (LSR-15) = Appointment Time SR-19) = Desired Frame Due Time		

Segment:	SI Service Characteristic Identification
Position:	1850
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<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.
On man the Nation	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	4 Clot defines the source for each of the comise characteristics
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. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			
Μ	<u>Attributes</u> SI01	559	Agency Qualifier		М	ID 2/2
			TI	ne agency assigning the code values Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of servi	ce	
			AA	Account Activity		
			LO	Local Exchange Carrier Service Office		
			NC	Network Channel		
			NI	Network Channel Interface		
			PW	Port Type		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			C=(DWS : C-Ch V=(DWS : V-Co	ew Installation) sconnect of Entire Account)		

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

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1900 Heading Optional 200 To descr 1 If PII 2 At le 3 If PII 4 If PII 5 If PII 1 Use being 2 PIDO code 3 PIDO in PI	Product/Item Description ibe a product or process in coded or free-form format 004 is present, then PID03 is required. ast one of PID04 or PID05 is required. 007 is present, then PID03 is required. 008 is present, then PID04 is required. 009 is present, then PID05 is required. PID03 to indicate the organization that publishes the code or referred to. 4 should be used for industry-specific product description is. 18 describes the physical characteristics of the product ide D04. A "Y" indicates that the specified attribute applies to an "N" indicates it does not apply. Any other value is	ntifie	d
Comments:	4 PIDC 1 If PID PIDC used 2 Use being	PID06 when necessary to refer to the product surface or la g described in the segment. 7 specifies the individual code list of the agency specified	i are ayer	
Notes:	PID*S**T PID*S**T PID*S**T PID*S**T	I <sup>1</sup> *AH***SO-RSQ*CHC(LSR-22) I*CONVIND***SO-RSQ*CONVIND(LSR-24a) I*AO***SO-RSQ*AGAUTH(LSR-35) I*BI***SO-RSQ*FBI(EU-42) I*PENDING***SO-RSQ*PENDING ORDER(LSR-108b)		
		Data Element Summary		
Ref.	Data	·		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
I PID01	349	Item Description TypeCode indicating the format of a descriptionSStructured (From Industry Code List)	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	Х	AN 1/12
		A code from an industry code list which provides specific product characteristic	data	about a

roduct characteristicAHCoordinated Hot CutAOAgency Authorization StatusBIFinal Bill Information IndicatorCONVINDConversion IndicatorPENDINGPending Order

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

# **PWK** Paperwork

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		
	Ref.	Data				
	Des.	<b>Element</b>	<u>Name</u>			
	Attributes					
Μ	PWK01	755	Report Type Cod	le	Μ	ID 2/2
			Code indicating the	e title or contents of a document, repor	t or s	supporting
			DW	Drawing(s)		
	PWK02	756	Report Transmiss	sion Code	0	ID 1/2
			Code defining timi are to be sent	ng, transmission method or format by v	vhich	reports
			NS	Not Specified		
				Indicates that a report will be transmit nonspecified medium	ted v	ria a
	PWK03	757	<b>Report Copies N</b>		0	N0 1/2
			The number of cor	pies of a report that should be sent to th	ie ad	ldressee
			1	Always One		
	PWK04	98	Entity Identifier C	-	0	ID 2/3
	1 111104	50	•		-	
			an individual	n organizational entity, a physical locat	1011, [	property of
			DG	Design Engineering		
				Identifies the design engineer or office	e of th	ne design
				engineer who will receive design spec		
	PWK05	66	Identification Co	de Qualifier	Х	ID 1/2
			Code designating Identification Code	the system/method of code structure us e (67)	sed f	or
			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) = D	Design Routing Code		
			- ( / -	0		

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:	<b>1</b> 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.	Element Name

м	<u>Attributes</u> N901	128	Reference Identification Qualifier	м	ID 2/3
IVI	IN901	120		IVI	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	ion nu	mbers 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:	MT)	Text		
Position:	2900			
Loop:	N9	Optional		
Level:	Heading	•		
Usage:	Optional			
Max Use:	>1			
Purpose:	To spec	fy textual data		
Syntax Notes:	•	FX01 is present, then MTX02 is required.		
ey max netee		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:		FX04 is "AA - Advance the specific number of lines before p	orint"	
oonnichts.		MTX05 is required.	<i>/////</i>	,
Notes:		EMARKS(EU-63)		
10100.				
		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		
		<u> </u>		

REMARKS (EU-63) = Remarks

Segment:	N9 F	Reference Identification		
Position:	2850			
Loop:	N9	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To trans	mit identifying information as specified by the Reference		
	Identifica	ition Qualifier		
Syntax Notes:	1 At le	ast one of N902 or N903 is required.		
	2 If NS	006 is present, then N905 is required.		
		her C04003 or C04004 is present, then the other is require		
	4 If eit	her C04005 or C04006 is present, then the other is require	d.	
Semantic Notes:	1 N90	6 reflects the time zone which the time reflects.		
	<b>2</b> N90	7 contains data relating to the value cited in N902.		
Comments:				
Notes:	N9*H7*C	RI*LSR****2W>MANUAL IND(LSR-108a)		
		Data Element Summary		
Ref.	Data	Data Element Summary		
Des.	Element	Namo		
Attributes		Name		
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
Noco	407		v	A NI 4/00
N902	127	Reference Identification	. <b>Х</b>	AN 1/30
		Reference information as defined for a particular Transact	ion (	Set or as

	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	Ction	Set of as
	N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text			
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	ion nu	mbers as
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
Μ	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction \$	Set or as
			MANUAL IND (LSR-108a) = Manual Indicator		

Μ

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 pr then MTX05 is required.</li> </ol>	int"	,
Notes:	MTX**REMARKS(LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit	large volumes c	of message text
REMARKS	(LSR-108) = Re	marks

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
Des.	Element Name

	Attributes				
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 nu	mbers as
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion \$	Set or as
			MANUAL IND (PS-61a) = Manual Indicator		

Segment:	MTX Text	
Position:	2900	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	<b>3</b> If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before print	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of line then MTX05 is required.</li> </ol>	es before print",
Notes:	MTX**REMARKS(PS-61)	
	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 (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:	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*78*CCNA(LSR-1)
10163.	

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 an individual 78	an organizational entity, a physical loca Service Requester	ation,	property or
N102	93	Name		Х	AN 1/60
		Free-form name			
		CCNA (LSR-1) =	Customer Carrier Name Abbreviation		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3350 N1 Heading Optional >1 To define	Location ID Component         Optional         e types and values of a geographic location		
Notes:	NX2*91*	APOT(LSR-41)		
Ref.	Data	Data Element Summary		
<u>Des.</u> Attribute	<u>Element</u>	Name		
M NX201	<u>s</u> 1106	Address Component Qualifier	м	ID 2/2
		Code qualifying the type of address component		-
		91 Additional Point of Termination (APOT	)	
M NX202	166	Address Information Address information APOT (LSR-41) = Additional Point of Termination	Μ	AN 1/55

# **PER** Administrative Communications Contact

Segment: Position: Loop:

3500 N1 Optional Level: Heading Usage: Optional Max Use: >1 Purpose: 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. Syntax Notes: 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. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
Μ	PER01	366	<b>Contact Function</b>	Code	Μ	ID 2/2
				e major duty or responsibility of the pe	rson	or group
			named AG	Agent		
			CN	General Contact		
	PER02	93	Name		0	AN 1/60
			Free-form name			
			INIT (LSR-81) = Ini	tiator Identification		
				= Implementation Contact		
	PER03	365	Communication		Х	ID 2/2
				e type of communication number		
			TE	Telephone		
	PER04	364	Communication I	Number	Х	AN 1/256
			applicable	ications number including country or a	rea c	code when
				= Telephone Number		
		205	TEL NO (LSR-92) = Communication I	= Telephone Number	X	ID 2/2
	PER05	365			~	
				e type of communication number		
			BN	Beeper Number		
		204	FX Communication	Facsimile	v	
	PER06	364	Communication I		Х	AN 1/256
			applicable	ications number including country or a	rea c	code when
			PAGER (LSR-93) :			
	PER07	365	Communication	Number Qualifier	Х	ID 2/2
			Code identifying th	e type of communication number		
			EM	Electronic Mail		

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

Segment:	N1 ⊾	lame	
Position:	3000		
Loop:	N1 0	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identi	fy a party by type of organization, name, and code	
Syntax Notes:		ast one of N102 or N103 is required.	
•		ner N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	prov "ID ( trans	segment, used alone, provides the most efficient method of ding organizational identification. To obtain this efficiency the Code" (N104) must provide a key to the table maintained by th saction processing party. 5 and N106 further define the type of entity in N101.	e
Notes:		UTHNM(LSR-37)	
Ref.	Data	Data Element Summary	
<u>Des.</u>	<u>Element</u>	name	
Attributes	98	Entity Identifier Code M	ID 2/3
	30		
		Code identifying an organizational entity, a physical location, an individual	, property or

Authorized From AN

A geographic location designated as an authorized pick-up or origin point for a shipment Name Х AN 1/60 Free-form name

AUTHNM (LSR-37) = Authorization Name

N102

93

Segment:	N1 ⊾	lame	
Position:	3000		
Loop:	N1	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identi	fy a party by type of organization, name, and code	
Syntax Notes:	1 At le	ast one of N102 or N103 is required.	
	2 If eit	her N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1 This	segment, used alone, provides the most efficient method of	
	prov	iding organizational identification. To obtain this efficiency the	
	"ID (	Code" (N104) must provide a key to the table maintained by the	e
		saction processing party.	
		5 and N106 further define the type of entity in N101.	
Notes:	N1*DG*[	DSGCON(LSR-97)	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	<u>Name</u>	
<u>Attributes</u>			
I N101	98	Entity Identifier Code M	ID 2/3
		Code identifying an organizational entity, a physical location,	property or
			1 1 2 2

Design Engineering

DSGCON (LSR-97) = Design/Engineering Contact

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

N102

93

an individual DG

Free-form name

Name

X AN 1/60

Segment: Position: Loop: Level: Usage: Usage: Max Use: Purpose: Syntax Notes:	3500 N1 G Heading Optional >1 To identi should b 1 If eit 2 If eit	Administrative Communications Contact Optional fy a person or office to whom administrative communication e directed her PER03 or PER04 is present, then the other is required her PER05 or PER06 is present, then the other is required her PER07 or PER08 is present, then the other is required	d. d.	
Comments: Notes:		**FX*FAX NO(LSR-100)		
notes:	PER DE	FA FAA NO(LOR-100)		
		Data Element Summary		
Ref.	Data	N		
<u>Des.</u> Attributes	<u>Element</u>	<u>name</u>		
PER01	366	Contact Function Code	М	ID 2/2
		Code identifying the major duty or responsibility of the per named DE Design Engineer	erson	or group
PER03	365	Communication Number Qualifier	Х	ID 2/2
		Code identifying the type of communication number		
		FX Facsimile		
PER04	364	Communication Number	Χ	AN 1/256
		Complete communications number including country or a applicable	area o	code when
		FAX NO (LSR-100) = Facsimile Number		

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

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

Segment Position Loop Leve Usage Max Use Purpose Syntax Notes Semantic Notes Comments	n: 3100 D: N1 I: Heading D: Optional D: 2 D: To speci D: S: D: State of the species of t	fy additional names	
Notes	N2*SBIL	LNM(EU-44)	
		Data Element Summary	
Ref. <u>Des.</u> <u>Attribut</u>	Data <u>Element</u> es	Name	
M N201		Name M	AN 1/60
		Free-form name	
		SBILLNM (EU-44) = Secondary Bill Name	

Segment:	<b>N4</b> a	eographic Location		
Position:	3300			
Loop:	N1	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	>1			
Purpose:	•	fy the geographic place of the named party		
Syntax Notes:		one of N402 or N407 may be present.		
		06 is present, then N405 is required.		
	3 If N4	07 is present, then N404 is required.		
Semantic Notes:				
Comments:		mbination of either N401 through N404, or N405 and N406	may	/
		dequate to specify a location.		
Netee		2 is required only if city name (N401) is in the U.S. or Cana	ada.	
Notes:	N4 <sup>~~</sup> 51A	TE(EU-49)*ZIP(EU-50)		
		Data Element Summary		
Ref.	Data	·		
Des.	Element	Name		
<u>Attributes</u>				
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropriate	gov	ernment
		agency	•	
		STATE (EU-49) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding pu	unctu	ation and
		blanks (zip code for United States)		

ZIP (EU-50) = ZIP/Postal Code

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: emantic Notes: Comments: Notes:	3350 N1 Heading Optional >1 To define NX2*01* NX2*02* NX2*03* NX2*03* NX2*32* NX2*35* NX2*35* NX2*40* NX2*59* NX2*61*	Location ID C Optional e types and value SANO(EU-45b) SASN(EU-45e) SASD(EU-45d) CITY(EU-48) FLOOR(EU-45d) ROOM/MAIL STC SASS(EU-45g) SAPR(EU-45a) SASF(EU-45c) SATH(EU-45f)	s of a geographic location		
			Data Elemen	t Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
М	NX201	1106	Address Comp	onent Qualifier	М	ID 2/2
			Code qualifying	the 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		
			35	Room		
				A walled room or partitioned area of a	a buil	ding
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Inform	nation	М	AN 1/55
			Address informa			
			SASN (EU-45e) SASD (EU-45d) CITY (EU-48) = FLOOR (EU-46)		∍fix	

- SASS (EU-45g) = Service Address Street Directional Suffix
- SAPR (EU-45a) = Service Address Number Prefix
- SASF (EU-45c) = Street Address Number Suffix
- SATH (EU-45f) = Service Address Street Type

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	3500 N1 Heading Optional >1 To identii should b 1 If eit 2 If eit 3 If eit	Optional y a person or office e directed her PER03 or PER0 her PER05 or PER0	Communications Contact to whom administrative communication of is present, then the other is required of is present, then the other is required	Я. Я.	
		, , , , , , , , , , , , , , , , , , ,			
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element \$	Summary		
I PER01	366	<b>Contact Function</b>	Code	м	ID 2/2
		Code identifying th named BI	e major duty or responsibility of the pe Bill Inquiry Contact	erson	or group
			Service Provider contact for making in information on the invoice	nquire	es about
PER02	93	Name Free-form name		0	AN 1/60
PER03	365	BILLCON (EU-51) Communication I	-	Х	ID 2/2
			Telephone		
PER04	364	Communication I	•	Х	AN 1/256
		applicable	nications number including country or a Telephone Number	irea c	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 <sup>*</sup> AF*AFT (EU-44a)

	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		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	vice	
			AF Address Fromat Type		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

# **POC** Line Item Change - End User Form (Location and Access

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

Segment:

Notes:

#### **Data Element Summary**

POC\*n\*RZ\*\*\*\*\*ZZ\*EU\_SA [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 within set	n a ti	ransaction
			"n" = nth assigned ID within POC loop		
Μ	POC02	670	Change or Response Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the correspor the original purchase order with the va in the Purchase Order Change Transa	alues	contained
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"EU_SA"		

Commont	ΡΙΟ	Product/Item Description		
Segment:		Product/item Description		
Position: Loop:	0500 PID	Optional		
Level:	Detail	optional		
Usage:	Optional			
Max Use:	1			
Purpose:		ibe a product or process in coded or free-form format		
Syntax Notes:		D04 is present, then PID03 is required. ast one of PID04 or PID05 is required.		
		D07 is present, then PID03 is required.		
		D08 is present, then PID04 is required.		
•		D09 is present, then PID05 is required.		
Semantic Notes:		PID03 to indicate the organization that publishes the code	list	
		g referred to. 04 should be used for industry-specific product description		
	code			
		08 describes the physical characteristics of the product ide		
		D04. A "Y" indicates that the specified attribute applies to	this	
		; an "N" indicates it does not apply. Any other value is		
		terminate. )9 is used to identify the language being used in PID05.		
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th	ien	
		04 is used. If PID01 equals "X", then both PID04 and PID05	are	
		PID06 when necessary to refer to the product surface or la g described in the segment.	yer	
		7 specifies the individual code list of the agency specified	in	
	PIDO			
Notes:	PID*S**1	TI*ANV***SO-RSQ*ANV(EU-8a)		
		Data Element Summary		
Ref.	Data	Data Lionioni Caninary		
Des.	Element	Name		
Attributes				
I PID01	349	Item Description Type	Μ	ID 1/1
		Code indicating the format of a description		
		S Structured (From Industry Code List)		15 6/6
PID03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
	754	TI Telecommunications Industry	v	
PID04	751	Product Description Code	X	AN 1/12
		A code from an industry code list which provides specific product characteristic	uala	a adout a
		ANV Address Not Valid Indicator		
PID07	822	Source Subqualifier	0	AN 1/15
		A reference that indicates the table or text maintained by	the ?	
		Qualifier		
		SO-RSQ Service Order - Reseller Questions lis	t	
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		ANV (EU-8a) = Address Not Validated Indicator		

Composit				
Segment	: REF	Reference Identification		
Position	: 1000			
Loop	: POC	Optional		
Level	: Detail			
Usage	•	l		
Max Use	• • •			
Purpose		ify identifying information		
Syntax Notes:		east one of REF02 or REF03 is required.	-1	
		ther C04003 or C04004 is present, then the other is require ther C04005 or C04006 is present, then the other is require		
Semantic Notes		F04 contains data relating to the value cited in REF02.	u.	
Comments		-04 contains data relating to the value cited in REF02.		
Notes:	-	LOCNUM(EU-7)*LOCNUM		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
		<u></u>		
Attribute	25			
Attribute REF01	25	Reference Identification Qualifier	М	ID 2/3
	25		М	ID 2/3
	25	Reference Identification Qualifier	М	ID 2/3
	2 <u>5</u> 128	Reference Identification Qualifier Code qualifying the Reference Identification	м х	ID 2/3 AN 1/30
I REF01	2 <u>5</u> 128	Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number	x	AN 1/30
I REF01	2 <u>5</u> 128	Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification	x	AN 1/30
I REF01	2 <u>5</u> 128	Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference information as defined for a particular Transact	x	AN 1/30
I REF01	128 128	Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	x	AN 1/30
I REF01 REF02	128 128	Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference Identification         Reference information as defined for a particular Transact specified by the Reference Identification Qualifier         LOCNUM (EU-7) = Location Number	X tion S X	AN 1/30 Set or as AN 1/80
I REF01 REF02	128 128	Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference Identification         Reference information as defined for a particular Transact specified by the Reference Identification Qualifier         LOCNUM (EU-7) = Location Number         Description         A free-form description to clarify the related data element content	X tion S X	AN 1/30 Set or as AN 1/80
REF01	128 128	Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Specified by the Reference Identification Qualifier         LOCNUM (EU-7) = Location Number         Description         A free-form description to clarify the related data element	X tion S X	AN 1/30 Set or as AN 1/80

М

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

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	М	ID 2/3
		Code identifyin an individual IT	g an organizational entity, a phy Installation on Site	sical location,	property or
N102	93	Name		Х	AN 1/60
		Free-form name	e		
		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
<u>Attributes</u>	

N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by agency	y appropriate gov	rernment
		STATE (EU-25) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code blanks (zip code for United States)	excluding punctu	ation and
		ZIP (EU-26) = ZIP/Postal Code		
N405	309	Location Qualifier	Х	ID 1/2
		Code identifying type of location		
		RJ Region		
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		
		CALA (EU-26a) = Customer Address Location	n Area	

Segment: N Position: 375 Loop: N1 Level: De Usage: Op Max Use: >1 Purpose: To Syntax Notes: Semantic Notes: Comments: Notes: NX

# NX2 Location ID Component

3750 N1 Optional Detail Optional >1 To define types and values of a geographic location NX2\*01\*SANO(EU-11) NX2\*02\*SASN(EU-14) NX2\*03\*SASD(EU-13) NX2\*05\*BOX(EU-23c) NX2\*06\*ROUTE(EU-23b) NX2\*07\*CITY(EU-24) NX2\*39\*AHN(EU-23a) NX2\*40\*SASS(EU-16) NX2\*59\*SAPR(EU-10) NX2\*61\*SASF(EU-12) NX2\*62\*SATH(EU-15) NX2\*LD1 (EU-17)\*LV1 (EU-18) NX2\*LD2 (EU-19)\*LV2 (EU-20) NX2\*LD3 (EU-21)\*LV3 (EU-22)

#### **Data Element Summary**

		Data Element S	buillillary		
Ref.	Data		-		
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compon	ent Qualifier	М	ID 2/2
		Code qualifying the	type of address component		
		LD1(EU-17) = Loca 13=(DWS : APT) 34=(DWS: LOT) 35=(DWS: RM) 36=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT) LD2(EU-19) = Loc 32=(DWS : FLR) LD3(EU-21) = Loca	ation Designator 2		
		12=(DWS : BLD)	-		
		63=(DWS: WNG			
		30=(DWS: PIER)			
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		

	12	Building Name
	13	Apartment Number
	14	Suite Number
	30	Pier
		The pier at which a ship or boat is docked
	32	Floor
		A particular floor or level of a building
	34	Lot
		A particular lot or piece of land
	35	Room
		A walled room or partitioned area of a building
	36	Slip
		The slip or location on a pier at which a ship or boat
		is docked
	37	Unit
		A unit or separate structure
	39	Unstructured Property
	40	Street Suffix
	59	Street Number Low
	61	Street Number Fraction
	62	Street Name Suffix
	63	Secondary Unit Identifier
166	Address Informa	tion M AN 1/55
	Address information	on
	. ,	Service Address Number
		Service Address Street Name
	BOX (EU-13) = 3 BOX (EU-23c) = E	Service Address Street Directional Prefix
	ROUTE (EU-23b)	
	CITY (EU-24) = Cit	
		Assigned House Number
		Service Address Street Directional Suffix
		Service Address Number Prefix Service Address Number Suffix
	. ,	Service Address Street Type
	LV1 (EU-18) = Loc	
	LV2 (EU-20) = Lo	cation Value 2
	LV3 (EU-22) = Lo	cation Value 3

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

	Ref. Des.	Data Element	Namo		
	Attributes		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 serv characteristics	ice	
			AF Address Format Type		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			AFT (EU-9) = Address Format Type		

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

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

	Ref.	Data		-				
	Des.	Element	<u>Name</u>					
	<u>Attributes</u>				_			
	POC01	350	Assigned Identifi	cation	0	AN 1/20		
			Alphanumeric char set	Iphanumeric characters assigned for differentiation within a et				
			"n" = nth assigned	ID within POC loop				
М	POC02	670	Change or Respo	onse Type Code	М	ID 2/2		
			Code specifying the type of change to the line item					
			RZ	Replace All Values				
				Receiver should replace the corresport the original purchase order with the variation of the purchase Order Change Transa	alues	contained		
	POC08	235	<b>Product/Service</b>	ID Qualifier	Х	ID 2/2		
			Code identifying th Product/Service ID ZZ	e type/source of the descriptive numbe (234) Mutually Defined	r use	ed in		
	POC09	234	Product/Service	ID	Χ	AN 1/48		
			Identifying number for a product or service					
			"EU_DISC"					
				for a product or service				

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 Si	ummary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifier C	Code	Μ	ID 2/2
			Code identifying the	agency assigning the code values		
			TI .	Telecommunications Industry		
М	SI02	1000	Service Character	istics Qualifier	Μ	AN 2/2
			Code from an indust characteristics	try code list qualifying the type of serv	vice	
			ND	Disconnect Number		
			Т6	Transfer of Call Options		
Μ	SI03	234	Product/Service ID	0	Μ	AN 1/48
			Identifying number for	or a product or service		
			· · · · · · · · · · · · · · · · · · ·	= Disconnect Telephone Number Fransfer of Call Options		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eitt 3 If eitt	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is require         her C04005 or C04006 is present, then the other is require         04 contains data relating to the value cited in REF02.					
Comments:							
Notes:	Notes: REF*IX*DNUM(EU-54)*DNUM						
		Data Element Summary					
Ref.	Data	-					
Des.	<u>Element</u>	Name					
Attributes REF01	128	Reference Identification Qualifier	м	ID 2/3			
	120	Code qualifying the Reference Identification IX Item Number					
REF02	127	Reference Identification	Х	AN 1/30			
		Reference information as defined for a particular Transact specified by the Reference Identification Qualifier DNUM (EU-54) = Disconnect Line Number	tion S	Set or as			
REF03	352	Description	Χ	AN 1/80			
		A free-form description to clarify the related data element	s and	d their			

М

"DNUM"

content

0	DTN		ne Reference					
Segment:		Date/IIm	ne Reference					
Position:	2000							
Loop:	POC	Optional						
Level:	Detail							
Usage:	Optional	ļ						
Max Use:	10							
Purpose:	To specify pertinent dates and times							
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.							
	<ul> <li>If DTM04 is present, then DTM03 is required.</li> <li>If a then DTM05 as DTM05 is present then the other is previously</li> </ul>							
	3 If eit	ner DTIVIU5 C	or DTM06 is present, then the other is requir	ea.				
Semantic Notes:								
Comments: Notes:								
Notes:	DTM*376*TC PER{CCYYMMDD}(EU-62)							
		Data Ele	ement Summary					
Ref.	Data	Data Elo						
Des.	Element	Name						
Attributes		<u>I tulio</u>						
DTM01	374	Date/Time	Qualifier	М	ID 3/3			
		Code speci	ifying 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 expre	ssed as CCYYMMDD					
		TC PER (E	U-62) = Transfer of Calls Period					

М

		I	
Segment:	JLN	Subline Item Detail	
Position:	4600		
Loop:	SLN	Optional	
Level:	Detail Optional		
Usage: Max Use:	1		
Purpose:		fy product subline detail item data	
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.	
-,		N07 is present, then SLN06 is required.	
		N08 is present, then SLN06 is required.	
		her SLN09 or SLN10 is present, then the other is required.	
		her SLN11 or SLN12 is present, then the other is required.	
		her SLN13 or SLN14 is present, then the other is required.	
		her SLN15 or SLN16 is present, then the other is required.	
		her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required.	
		her SLN21 or SLN22 is present, then the other is required.	
		her SLN23 or SLN24 is present, then the other is required.	
		her SLN25 or SLN26 is present, then the other is required.	
	13 If eit	her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:		01 is the identifying number for the subline item.	
		02 is the identifying number for the subline level. The subline	
		I is analogous to the level code used in a bill of materials.	
		03 is the configuration code indicating the relationship of the ine item to the baseline item.	
		08 is a code indicating the relationship of the price or amount t	0
		associated segment.	0
Comments:		the Data Element Dictionary for a complete list of IDs.	
	2 SLN	01 is related to (but not necessarily equivalent to) the baseline	
		number. Example: 1.1 or 1A might be used as a subline numb	ber
		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		
<u>Des.</u>	<u>Element</u>	Name	
Attributes SLN01	350	Assigned Identification M	AN 1/20
I SLINUT	330	Alphanumeric characters assigned for differentiation within a t	
		set	Tansaction
		"TCPRI"	
SLN02	350	Assigned Identification O	AN 1/20
		Alphanumeric characters assigned for differentiation within a t	
		set	
		"n" – nth appigned ID within SI N leen	

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**Relationship Code** 

А

Quantity

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

М

Μ

SLN03

SLN04

662

380

X R 1/15

ID 1/1

М

			Numeric value of quantity 1 Always One		
	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	ppenc M	dix for
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each		

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

	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 service characteristics	/ice	
			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 Number	r	

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)

М

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

Segment:	REF	Reference Identification		
Position:	5700			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	12			
Purpose:	To speci	y identifying information		
Syntax Notes:	•	ast one of REF02 or REF03 is required.		
		ner C04003 or C04004 is present, then the other is requ	ired.	
		ner C04005 or C04006 is present, then the other is requ		
Semantic Notes:		04 contains data relating to the value cited in REF02.		
Comments:		Ū.		
Notes:	REF*55*	TCID(EU-58a)*PRI		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF02	127	Reference Identification	х	AN 1/30
		Reference information as defined for a particular Trans	21	
		specified by the Reference Identification Qualifier		
		TCID (EU-58a) = Transfer of Calls to Identifier		

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

м

REF03

352

Description

content "PRI" Х

AN 1/80

_		Subline Item Detail
Segment:		Subline Item Detail
Position:	4600	
Loop: Level:	SLN Detail	Optional
	Detail Optional	
Usage: Max Use:	1	
Purpose:	-	fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
-,		N07 is present, then SLN06 is required.
	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
		I is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
	item	number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,
Notes:		No., Model No., or SKU. SEC*n*A*1*EA [SLN Loop may repeat]
140165.		
		Data Element Summary
Ref.	Data	
Des.	Element	Name
<u>Attributes</u>		
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
	_	"n" = nth assigned ID within SLN loop

М

М	

SLN03

SLN04

662

380

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

Code indicating the relationship between entities

Add

**Relationship Code** 

А

Quantity

ID 1/1

R 1/15

Μ

Х

			Numeric value of quantity 1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
	000404	055	To identify a composite unit of measure (See Figures A examples of use)		
М	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	essed	, or

Segment:	SI Service Characteristic Identification
Position: Loop: Level: Usage:	4700 SLN Optional Detail Optional
Max Use:	>1 To aposity convice characteristic data
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <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*TC*TC TO SEC(EU-59)

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

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:	1 This segment, used alone, provides the most efficient method of
	providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME(EU-61)

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

Segment:	REF	Reference Identification		
Position:	5700			
Loop:	N1	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	12			
Purpose:	To speci	fy identifying information		
Syntax Notes:	1 At le	ast one of REF02 or REF03 is required.		
	2 If eit	her C04003 or C04004 is present, then the other is required.		
	3 If eit	her C04005 or C04006 is present, then the other is required.		
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
Comments:				
Notes:	REF*55*	TCID(EU-60)*SEC		
		Data Element Summary		
Ref.	Data	·		
Des.	Element	Name		
<u>Attributes</u>				
I REF01	128	Reference Identification Qualifier M	Λ	ID 2/3

Code qualifying the Reference Identification

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

**Reference Identification** 

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

55

Description

content "SEC"

127

352

М

REF02

REF03

X AN 1/30

AN 1/80

Х

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

	Ref.	Data	Data Element S	Summary		
	Des. Attributes	<u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Identifi	cation	0	AN 1/20
			Alphanumeric char set	acters assigned for differentiation with	in a f	ransaction
			"n" = nth assigned	ID within POC loop		
М	POC02	670	Change or Respo	nse Type Code	Μ	ID 2/2
			Code specifying the type of change to the line item			
			RZ	Replace All Values		
				Receiver should replace the correspondence the original purchase order with the value in the Purchase Order Change Transport	alues	contained
	POC08	235	Product/Service	•	X	ID 2/2
	-		Code identifying th Product/Service ID ZZ	e type/source of the descriptive numbe (234) Mutually Defined	er use	ed in
	POC09	234	Product/Service	ID	Х	AN 1/48
			Identifying number	for a product or service		
			"PS"			

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	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*SA*LNA(PS-12)
	SI*TI*TN*TNS(PS-16)
	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*TS*SGNL(PS-48)
	SI*TI*SY*SSIG(PS-49)

				Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	ne agency assigning the code values		
			П	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an induction characteristics	stry code list qualifying the type of serv	vice	
			CM	Local Service Providers Circuit Number	ər	
			CN	Circuit Number Identification		
			OT	Old Telephone Number		
			SA	Service Activity		
			SY	Start Signaling		
			T6	Transfer of Call Options		
			TN	Telephone Number		
			TS	Type of Signaling		
Μ	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			LNA (PS-12) = Lir CT=(DWS: X-T C=(DWS: C-Cl	N Change)		

A=(DWS: N-New) D=(DWS: D-Disconnect) V=(DWS: V-Conversion As Specified) P=(DWS: P-PIC Change)

TNS (PS-16) = Telephone Numbers OTN (PS-20) = Out Telephone Number CKR (PS-29) = Customer Circuit Reference ECCKT (PS-32) = Exchange Company Circuit ID TC OPT (PS-33) = Transfer of Call Options SGNL (PS-48) = Signaling SSIG (PS-49) = Start Signaling

	חום							
Segment:		Product/Item Description						
Position: Loop:	0500 PID	Optional						
Level:	Detail	Optional						
Usage:	Optional							
Max Use:	1							
Purpose:		ibe a product or process in coded or free-form format						
Syntax Notes:		D04 is present, then PID03 is required. ast one of PID04 or PID05 is required.						
		D07 is present, then PID03 is required.						
		D08 is present, then PID04 is required.						
Semantic Notes:		D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code	- lict					
Semantic Notes.		g referred to.	; 1151					
		04 should be used for industry-specific product description						
	code							
		08 describes the physical characteristics of the product ide D04. A "Y" indicates that the specified attribute applies to						
		; an "N" indicates it does not apply. Any other value is	1113					
	inde	terminate.						
Commontos								
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", then D4 is used. If PID01 equals "X", then both PID04 and PID05 are						
	used	•	, arc					
		PID06 when necessary to refer to the product surface or la	ayer					
		g described in the segment. )7 specifies the individual code list of the agency specified	in					
	J PIDO		ILI					
Notes:	PID*X**T	TI*CFA*CFA(PS-46)						
Ref.	Data	Data Element Summary						
Des.	Element	Name						
<u>Attributes</u>								
I PID01	349	Item Description Type	Μ	ID 1/1				
		Code indicating the format of a description						
DIDAA	550	X Semi-structured (Code and Text)	v					
PID03	559	Agency Qualifier Code	Х	ID 2/2				
		Code identifying the agency assigning the code values TI Telecommunications Industry						
PID04	751	Product Description Code	х	AN 1/12				
11204	701	A code from an industry code list which provides specific						
		product characteristic						
		CFA Connecting Facility Assignment						
PID05	352	Description	Х	AN 1/80				
		A free-form description to clarify the related data element	s and	d their				
		content						

CFA (PS-46) = Connecting Facility Assignment

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eit 3 If eit 1 REF REF*IX*I REF*IX*I REF*GP	Reference Identification         Optional         fy identifying information         east one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is required.         her C04005 or C04006 is present, then the other is required.         04 contains data relating to the value cited in REF02.         LOCNUM(PS-8)*LOCNUM         LNUM(PS-9)*LNUM         *TSP(PS-27)         *SAN(PS-28)		
Ref. Des.	Data Element	Data Element Summary Name		
<u>Attributes</u>				
I REF01	128		M	ID 2/3
		Code qualifying the Reference Identification AE Authorization for Expense (AFE) Number	٥r	
		GP Government Priority Number		
		IX Item Number		
REF02			_	
	127	Reference Identification >	X	AN 1/30
	127	Reference Identification Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier	-	
	127	Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier LOCNUM (PS-8) = Location Number LNUM (PS-9) = Line Number	-	
	127	Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier LOCNUM (PS-8) = Location Number LNUM (PS-9) = Line Number TSP (PS-27) = Telecommunications Service Priority	-	
REF03	127 352	Reference information as defined for a particular Transactio specified by the Reference Identification Qualifier LOCNUM (PS-8) = Location Number LNUM (PS-9) = Line Number TSP (PS-27) = Telecommunications Service Priority SAN (PS-28) = Subscriber Authorization Number	-	
REF03		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier         LOCNUM (PS-8) = Location Number         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 elements a	n S	Set or as AN 1/80
REF03		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier LOCNUM (PS-8) = Location Number LNUM (PS-9) = Line Number TSP (PS-27) = Telecommunications Service Priority SAN (PS-28) = Subscriber Authorization Number <b>Description</b>	n S	Set or as AN 1/80
REF03		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier         LOCNUM (PS-8) = Location Number         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 elements a	n S	Set or as AN 1/80

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	2000 POC Detail Optional 10 To speci 1 At le	fy pertinent dates ast one of DTM02	and times 2 DTM03 or DTM05 is required.		
			hen DTM03 is required. M06 is present, then the other is required	Ч	
Semantic Notes: Comments:				J.	
Notes:	DTM^370	6*TC PER{CCYYN	MMDD}(PS-38)		
		Data Elemen	t Summary		
Ref.	Data				
<u>Des.</u> Attributes	Element	<u>Name</u>			
M DTM01	374	Date/Time Qua	lifier	Μ	ID 3/3
		Code specifying 376	type of date or time, or both date and tin Delivery End The date that deliveries will end	ne	
DTM02	373	Date		Х	DT 8/8
		Date expressed	as CCYYMMDD		
		TC PER (PS-38)	= Transfer of Calls Period		

М

Segment:	N1 ⊾	lame				
Position:	3400					
Loop:	N1					
Level:	Detail	•				
Usage:	Optional					
Max Use:	1					
Purpose:	To identi	ify a party by type of organization, name, and code				
Syntax Notes:		ast one of N102 or N103 is required.				
-	2 If eit	her N103 or N104 is present, then the other is required.				
Semantic Notes:						
Comments:	1 This	segment, used alone, provides the most efficient method o	of			
	"ID (	iding organizational identification. To obtain this efficiency the Code" (N104) must provide a key to the table maintained by saction processing party.				
	<b>2</b> N10	5 and N106 further define the type of entity in N101.				
Notes:	N1*P9**	41*PIC(PS-22)				
		Data Element Summary				
Ref.	Data					
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>				
I N101	98	Entity Identifier Code	M ID 2/3			
		Code identifying an organizational entity, a physical location	on, property or			

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

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

interexchange calls

being billed

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

Code designating the system/method of code structure used for

an individual P9

41

**Identification Code Qualifier** 

Code identifying a party or other code

Identification Code (67)

**Identification Code** 

Μ

N103

N104

66

67

X ID 1/2

AN 2/80

Х

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:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*8V**41*LPIC(PS-23)
	Data Element Summary

		Data Element	Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			
Attributes	09	Entity Identifier C	ada		ID 2/3
N101	98	Entity Identifier C	ode	М	ID 2/3
		Code identifying ar an individual	n organizational entity, a physical locat	ion, J	property or
		8V	Primary Intra-LATA (Local Access Tra	ansp	ort Area)
			Carrier	1	,
N103	66	Identification Co	de Qualifier	Х	ID 1/2
		Code designating t Identification Code 41	he system/method of code structure u (67) Telecommunications Carrier Identifica		
			Identifies the Interexchange carrier for being billed	r the	charges
N104	67	Identification Cod	le	Х	AN 2/80
		Code identifying a	party or other code		
				-	
		LPIC (PS-23) = Int	raLATA Pre-subscription Indicator Cod	е	

Updated: January 21, 2002

М

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	<ul> <li>SLN subline Item Detail</li> <li>4600</li> <li>SLN Optional</li> <li>Detail</li> <li>Optional</li> <li>1</li> <li>To specify product subline detail item data</li> <li>1 If either SLN04 or SLN05 is present, then the other is required.</li> <li>2 If SLN07 is present, then SLN06 is required.</li> <li>3 If SLN08 is present, then SLN06 is required.</li> <li>4 If either SLN09 or SLN10 is present, then the other is required.</li> <li>5 If either SLN11 or SLN12 is present, then the other is required.</li> <li>6 If either SLN13 or SLN14 is present, then the other is required.</li> <li>7 If either SLN15 or SLN16 is present, then the other is required.</li> <li>8 If either SLN17 or SLN18 is present, then the other is required.</li> <li>9 If either SLN21 or SLN22 is present, then the other is required.</li> <li>10 If either SLN23 or SLN24 is present, then the other is required.</li> <li>11 If either SLN25 or SLN26 is present, then the other is required.</li> <li>12 If either SLN27 or SLN28 is present, then the other is required.</li> <li>13 If either SLN27 or SLN28 is present, then the other is required.</li> <li>14 If either SLN27 or SLN28 is present, then the other is required.</li> <li>15 If either SLN27 or SLN28 is present, then the other is required.</li> <li>16 If either SLN27 or SLN28 is present, then the other is required.</li> <li>17 If either SLN27 or SLN28 is present, then the other is required.</li> <li>18 If either SLN27 or SLN28 is present, then the other is required.</li> <li>19 If either SLN27 or SLN28 is present, then the other is required.</li> <li>20 If either SLN27 or SLN28 is present, then the other is required.</li> <li>21 If either SLN27 or SLN28 is present, then the other is required.</li> <li>22 If either SLN27 or SLN28 is present, then the other is required.</li> <li>33 If either SLN27 or SLN28 is present, then the other is required.</li> <li>34 If either SLN27 or SLN28 is present, then the other is required.</li> <li>35 LN02 is the identifying number for the subline item.</li> <li>35 LN0</li></ul>				
Comments:	1 See 2 SLN item	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.			
Notos	for e ISBN	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:	SLINTU	PRI*n*A*1*EA			
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>			
I SLN01	350	Assigned Identification M AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set "TCPRI"			
SLN02	350	Assigned Identification O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set "n" = nth assigned ID within SLN loop			
		Deletionekin Oede			

SLN03

SLN04

662

380

М

Μ

Code indicating the relationship between entities

Add

**Relationship Code** 

А

Quantity

ID 1/1

R 1/15

Μ

Х

			Numeric value of quantity 1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
м	C00101	355	To identify a composite unit of measure (See Figure examples of use) Unit or Basis for Measurement Code	s Appeno M	dix for ID 2/2
			Code specifying the units in which a value is being example in which a measurement has been taken EA Each		, or

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

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			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 Number	۶r	

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:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
<b>N</b> 4	2 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	M ID 2/3
		Code identifying an organizational entity, a phy an individual TT Transfer To	ysical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (PS-34b) = Transfer of Calls to Nam	ne

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eitt 3 If eitt	Reference Identification Dptional y identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required 04 contains data relating to the value cited in REF02.		
Notes:	REF*55*	TCID(PS-34a)*PRI		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
I REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification55Sequence Number		
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	X ion (	AN 1/30 Set or as

TCID (PS-34a) = Transfer of Calls to Identifier

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

м

REF03

352

Description

content "PRI" Х

AN 1/80

Segment:	SLN	Subline Item Detail
Position:	4600	
Loop:	SLN	Optional
Level:	Detail	
Usage: Max Use:	Optional 1	
Purpose:	-	fy product subline detail item data
Syntax Notes:	1 If eit	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.
		ner 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.
		ner SLN15 or SLN16 is present, then the other is required. ner SLN17 or SLN18 is present, then the other is required.
		her SLN19 or SLN20 is present, then the other is required.
		her SLN21 or SLN22 is present, then the other is required.
		her 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.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the ne item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
		associated segment.
Comments:		the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,
Notes:		I No., Model No., or SKU. SEC*n*A*1*EA [SLN Loop may repeat]
NOIES.		
Ref.	Data	Data Element Summary
Des.	Element	Name
Attributes		
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
		"n" = nth assigned ID within SLN loop

М

SLN03

SLN04

662

380

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Code indicating the relationship between entities

Add

**Relationship Code** 

А

Quantity

ID 1/1

R 1/15

Μ

Х

			Numeric value of quantity 1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
м	C00101	355	To identify a composite unit of measure (See Figur examples of use) Unit or Basis for Measurement Code	es Appenc	lix for ID 2/2
			Code specifying the units in which a value is being manner in which a measurement has been taken EA Each		, or

Segment:	SI Service Characteristic Identification
Position: Loop: Level: Usage:	4700 SLN Optional Detail Optional
Max Use: Purpose:	>1 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 SI18 or SI19 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*TC*TC TO SEC(PS-35)

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

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-37)
Notes.	

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

Segment:	REF	Reference Identification		
Position:	5700			
Loop:		Optional		
Level: Usage:	Detail Optional			
Max Use:	12			
Purpose:	To speci	fy identifying information		
Syntax Notes:	2 If eit	ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required		
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.		
Notes:	REF*55*	TCID(PS-36)*SEC		
		Data Element Summary		
Ref.	Data			
<u>Des.</u> Attributes	<u>Element</u>	Name		
I REF01	128	Reference Identification Qualifier	М	ID 2/3

Code qualifying the Reference Identification

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

**Reference Identification** 

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

55

Description

content "SEC"

127

352

М

REF02

REF03

Х

Х

AN 1/30

AN 1/80

Segment: Position:	<b>SLN</b> 4600	Subline Item Detail		
Loop: Level:	SLN Detail	Optional		
Usage:	Optional			
Max Use:	1			
Purpose: Syntax Notes:		fy product subline detail item data ner SLN04 or SLN05 is present, then the other is required.		
Oyntax Notes.		N07 is present, then SLN06 is required.		
		N08 is present, then SLN06 is required.		
		ner SLN09 or SLN10 is present, then the other is required. ner SLN11 or SLN12 is present, then the other is required.		
		her SLN13 or SLN14 is present, then the other is required.		
		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.		
	10 If eit	her SLN21 or SLN22 is present, then the other is required.		
		her 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.		
Semantic Notes:	1 SLN	01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The sublin is analogous to the level code used in a bill of materials.	е	
		03 is the configuration code indicating the relationship of the	е	
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or amou associated segment.	nt to	)
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the basel number. Example: 1.1 or 1A might be used as a subline no		or
		late to baseline number 1.	JULIE	51
		09 through SLN28 provide for ten different product/service II		
		ach item. For example: Case, Color, Drawing No., U.P.C. N No., Model No., or SKU.	<b>√</b> 0.,	
Notes:		n*A*1*EA		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	<u>Name</u>		
Attributes				
I SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within	M	AN 1/20
		set	au	ansaction
		"BL"		
SLN02	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	a tr	ansaction
		"n" = nth assigned ID within SLN loop		
I SLN03	662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities		

SLN04

Μ

Μ

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Add

А

380

Quantity

X R 1/15

			Numeric value of quantity 1 Always One		
	SLN05	C001	Composite Unit of Measure	Х	
м	C00101	355	To identify a composite unit of measure (See Figue examples of use) Unit or Basis for Measurement Code	ures Appenc M	lix for
141	00101		Code specifying the units in which a value is being manner in which a measurement has been taken EA Each		

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

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			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 serv characteristics	ice	
			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 eitt 2 If SL 3 If SL 4 If eitt 5 If eitt 5 If eitt 6 If eitt 7 If eitt 9 If eitt 10 If eitt 11 If eitt 12 If eitt 13 If eitt 13 If eitt 13 If eitt 13 SLN evel 3 SLN subli 4 SLN	Subline Item Detail Optional fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her 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 SLN15 or SLN16 is present, then the other is required. her SLN21 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. her SLN27 or SLN28 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. 01 is the identifying number for the subline item. 02 is the identifying number for the subline item. 03 is the configuration code indicating the relationship of the ine item to the baseline item. 08 is a code indicating the relationship of the price or amount to
Comments:	1 See 2 SLN item to re 3 SLN for e	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]
		Data Element Summary
Ref.	Data	
<u>Des.</u> Attributes	<u>Element</u>	Name
SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set
	050	"FA"
SLN02	350	Assigned Identification O AN 1/20

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Alphanumeric characters assigned for differentiation within a transaction

**Relationship Code** 

set

А

Quantity

662

380

М

Μ

SLN03

SLN04

X R 1/15

ID 1/1

Μ

			Numeric value of quantity 1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
м	C00101	355	To identify a composite unit of measure (See Fig examples of use) Unit or Basis for Measurement Code	ures Appendix for M ID 2/2
			Code specifying the units in which a value is bein manner in which a measurement has been taken EA Each	ig expressed, 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*SA*FA(PS-58)*SC*FEATURE(PS-59)			
	SI*TI*FD*FEATURE DETAIL(PS-60) [SI Segment may repeat]			

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	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		
			П	Telecommunications Industry		
Μ	SI02	1000	Service Characte	ristics Qualifier	Μ	AN 2/2
			Code from an indu characteristics FD	stry code list qualifying the type of serv Feature Data	ice	
			SA	Service Activity		
м	SI03	234	Product/Service	-	м	AN 1/48
IAI	3105	234		for a product or service	IVI	AN 1/40
			A = (DWS: N- A CF = (DWS: C-C D = (DWS: D-Di V = (DWS: V-Cc CT = (DWS: T-C	A (PS-58) = Feature Activity A = (DWS: N- Add) CF = (DWS: C-Change Feature Detail) D = (DWS: D-Disconnect) V = (DWS: V-Conversion As Specified) CT = (DWS: T-Change (new line)) EATURE DETAIL (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 serv Service Category	ice	
	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 - DL Form (Delivery				
	Address/Information Section)				
Position:	0100				
Loop:	POC Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To specify changes to a line item				
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.				
	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*DA [POC Loop repeats DDQTY(DSR-23) times]				

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	ı a tı	ransaction
			"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 correspon- the original purchase order with the val in the Purchase Order Change Transa	th the values contained		
	POC08	235	Product/Service ID Qualifier	Χ	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	use	ed in
	POC09	234	Product/Service ID	Х	AN 1/48
	Identifying number for a product or service				
			"DA"		

Segment:	SI Service Characteristic Identification				
Position:	0180				
Loop:	POC Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	>1				
Purpose:	To specify service characteristic data				
Syntax Notes:	<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> </ol>				
	<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> </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> <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*AD*DACT(DL-81)				

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

			Data Liement Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quanti	ty	
			31 Additional Dem	nand Quantity	
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			DIRQTYA (DL-103) = Number of D	irectories for Annual Deliver	у
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of mea examples of use)	asure (See Figures Append	lix for
Μ	C00101	355	Unit or Basis for Measurement (	Code M	ID 2/2
			Code specifying the units in which manner in which a measurement h DY Directory Book	has been taken	, or
			· · · · <b>,</b> · · ·		
			Number of dire	ectory books delivered to cu	stomer

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. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	QTY01	673	Quantity Qualifie	r	М	ID 2/2
			Code specifying th	e type of quantity		
			38	Original Quantity		
	QTY02	380	Quantity		Х	R 1/15
			Numeric value of c	uantity		
			DIRQTYNC (DL-10 Connect	4) = Number of Directories Delivered or	ı Nev	v
	QTY03	C001	Composite Unit of	f Measure	0	
			To identify a comp examples of use)	osite unit of measure (See Figures Ap	pend	ix for
М	C00101	355	Unit or Basis for	Measurement Code	М	ID 2/2
				e units in which a value is being exprese measurement has been taken Directory Books Number of directory books delivered t		

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

Data <u>Element</u>		, <b>,</b>		
98	Entity Identifier	Code	м	ID 2/3
	Code identifying an individual DA	an organizational entity, a physic Delivery Address	al location,	property o
93	Name Free-form name "DELNAME"		X	AN 1/60
	<u>Element</u> 98	Data ElementName98Entity Identifier Code identifying an individual DA93Name	Element       Name         98       Entity Identifier Code         Code identifying an organizational entity, a physic an individual         DA       Delivery Address         93       Name	Data       Name         Bits       Entity Identifier Code       M         Odd       Code identifying an organizational entity, a physical location, an individual DA       Delivery Address         93       Name       X

Segment:	N4 a	Geographic Location				
Position:	3700					
Loop:		Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	1 To oposi	fu the geographic place of the named party				
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.				
		107 is present, then N403 is required.				
Semantic Notes:	J 1114-	for is present, then into a is required.				
Comments:		mbination of either N401 through N404, or N405 and N406	may	,		
	be adequate to specify a location.					
Notes:		2 is required only if city name (N401) is in the U.S. or Canad	ba.			
Notes.	IN4 STA	TE(DL-99)*ZIP(DL-100)				
		Data Element Summary				
Ref.	Data	Data Element Gammary				
Des.	Element	Name				
Attributes						
N402	156	State or Province Code	Х	ID 2/2		
		Code (Standard State/Province) as defined by appropriate	gove	ernment		
		agency	0			
		STATE (DL-99) = State/Province				
N403	116	Postal Code	0	ID 3/15		
Code defining international postal zone code excluding punctu blanks (zip code for United States)						
		ZIP (DL-100) = ZIP/Postal Code				

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

NX2\*01\*DDANO(DL-85) NX2\*02\*DDASN(DL-88) NX2\*03\*DDASD(DL-87) NX2\*07\*CITY(DL-98) NX2\*18\*DDALO(DL-90a) NX2\*40\*DDASS(DL-90) NX2\*59\*DDAPR(DL-84) NX2\*61\*DDASF(DL-86) NX2\*62\*DDATH(DL-89)

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\_ \_

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	NX201	1106	Address Compon	ent 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 Informat	ion	М	AN 1/55
			Address informatio	n		
			DDANO (DL-85) =	Delivery Address Number		
			. ,	Delivery Address Street Name		
				Delivery Address Street Directional Pre	əfix	
			CITY (DL-98) = Cit			
			. , , ,	Delivery Address Location		
				Delivery Address Street Directional Su	ffix	
				Delivery Address Number Prefix		
			. ,	Delivery Address Number Suffix		
				Delivery Address Street Type		

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

	Ref.	Data	Data Element	Summary		
	<u>Des.</u> <u>Attributes</u>	Element	<u>Name</u>			
	POC01	350	Assigned Identifi	cation	0	AN 1/20
			set	racters assigned for differentiation within	n a t	ransaction
			"n" = nth assigned	ID within POC loop		
М	POC02	670	Change or Respo	onse Type Code	Μ	ID 2/2
			Code specifying th	e type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the correspon the original purchase order with the va in the Purchase Order Change Transa	lues	contained
	POC08	235	<b>Product/Service</b>	ID Qualifier	Χ	ID 2/2
			Code identifying th Product/Service ID ZZ	e type/source of the descriptive numbe (234) Mutually Defined	r use	ed in
	POC09	234	<b>Product/Service</b>	ID	Χ	AN 1/48
			Identifying number	for a product or service		
			"DL"			
	POC10	235	Product/Service	ID Qualifier	Χ	ID 2/2
			Code identifying th Product/Service ID SH	e type/source of the descriptive numbe (234) Service Requested	r use	ed in
				A numeric or alphanumeric code from services available to the customer	a lis	t of
	POC11	234	Product/Service	ID	Х	AN 1/48

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

:	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes:	0180 POC Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit	her SI06 or SI07 is her SI08 or SI09 is her SI10 or SI11 is her SI12 or SI13 is her SI14 or SI15 is her SI16 or SI17 is her SI18 or SI19 is her SI20 or SI21 is			
	Notes:	qual SI*TI*LB SI*TI*LE SI*TI*TW SI*TI*BR SI*TI*DO SI*TI*DO SI*TI*BC	ifiers. *LACT(DL-10) *LTY(DL-13) /*STYC(DL-15) *TOA(DL-16) *DOI(DL-17) *DIRNAME(DL-34) *BRO(DL-28)			
	Ref.	Data	Data Element Sun	imary		
	Des.	Element	<u>Name</u>			
м	<u>Attributes</u> SI01	559	Agency Qualifier	Code	м	ID 2/2
М	SI01	559	Agency Qualifier Code identifying th		М	ID 2/2
М		559	• •	<b>Code</b> e agency assigning the code values Telecommunications Industry	М	ID 2/2
	SI01		Code identifying th TI	e agency assigning the code values Telecommunications Industry		-
M		559 1000	Code identifying th TI Service Characte Code from an indu characteristics	e agency assigning the code values Telecommunications Industry ristics Qualifier stry code list qualifying the type of serv	<b>M</b> ice	ID 2/2 AN 2/2
	SI01		Code identifying th TI Service Characte Code from an indu characteristics BO	e agency assigning the code values Telecommunications Industry ristics Qualifier stry code list qualifying the type of serv Business/Residence Placement Overr	<b>M</b> ice	-
	SI01		Code identifying th TI Service Characte Code from an indu characteristics BO BR	e agency assigning the code values Telecommunications Industry ristics Qualifier astry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account	<b>M</b> ice	-
	SI01		Code identifying th TI Service Characte Code from an indu characteristics BO BR DG	e agency assigning the code values Telecommunications Industry ristics Qualifier Istry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account Degree of Indent	<b>M</b> ice	-
	SI01		Code identifying th TI Service Characte Code from an indu characteristics BO BR DG DN	e agency assigning the code values Telecommunications Industry ristics Qualifier Istry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account Degree of Indent Directory Book Name	<b>M</b> ice	-
	SI01		Code identifying th TI Service Characte Code from an indu characteristics BO BR DG DN LB	e agency assigning the code values Telecommunications Industry ristics Qualifier stry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator	<b>M</b> ice	-
	SI01		Code identifying th TI Service Characte Code from an indu characteristics BO BR DG DN LB LE	e agency assigning the code values Telecommunications Industry ristics Qualifier Istry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type	<b>M</b> ice	-
	SI01		Code identifying th TI Service Characte Code from an indu characteristics BO BR DG DN LB	e agency assigning the code values Telecommunications Industry ristics Qualifier Istry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	<b>M</b> ice	-
Μ	SI01 SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics BO BR DG DN LB LE TW Product/Service	e agency assigning the code values Telecommunications Industry ristics Qualifier Istry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	<b>M</b> ice ide	AN 2/2
Μ	SI01 SI02	1000	Code identifying th TI Service Characte Code from an inducharacteristics BO BR DG DN LB LE TW Product/Service Identifying number LACT (DL-10) = List STYC (DL-13) = List STYC (DL-15) = Si TOA (DL-16) = Typ DOI (DL-17) = Deg DIRNAME (DL-34)	Telecommunications Industry <b>ristics Qualifier</b> Instry code list qualifying the type of serv Business/Residence Placement Overr Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code <b>ID</b> for a product or service sting Activity Indicator ing Type tyle Code De of Account ree of Indent	<b>M</b> ice ide	AN 2/2

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0500 PID Detail Optional 1 To descr 1 If PII 2 At le 3 If PII 4 If PII 5 If PII 1 Use	D04 is present, then ast one of PID04 or D07 is present, then D08 is present, then D09 is present, then	cess in coded or free-form format PID03 is required. PID05 is required. PID03 is required. PID04 is required.	e list	
Comments: Notes:	2 PIDC code 3 PIDC in PI item indef 4 PIDC 1 If PIC Used 2 Use bein 3 PIDC 2 Use bein 3 PIDC PID*S**T PID*S**T PID*S**T PID*S**T PID*S**T	4 should be used for 18 describes the phy D04. A "Y" indicates 3 an "N" indicates it terminate. 19 is used to identify D01 equals "F", then 14 is used. If PID01 of 1. PID06 when necess 13 described in the so 14 of specifies the indiv	vidual code list of the agency specified /TN(DL-41) IPL(DL-44) I(DL-61) ML(DL-25) VSL(DL-26) IKT(DL-27)	this nen are ayer	d
Ref.	Data	Data Element S	Summary		
Des.	<u>Element</u>	<u>Name</u>			
Attributes PID01	349	Item Description <sup>-</sup>	Type	м	ID 1/1
	543	-	e format of a description	141	
		S	Structured (From Industry Code List)		
PID03	559	Agency Qualifier		Х	ID 2/2
			e agency assigning the code values		
	764	TI Braduct Decerinti	Telecommunications Industry	v	
PID04	751	Product Description	on Code lustry code list which provides specific	X data	AN 1/12 about a
		product characteris	stic		
		AR	Omit Telephone Number		
		AS	Listed Name Placement		
		AT	Address Indicator		

Μ

		AW	Direct Mail List		
		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	822	Source Subqual	ifier	0	AN 1/15
		A reference that in Qualifier	ndicates the table or text maintained by	y the	Source
		SO-RSQ	Service Order - Reseller Questions li	st	
PID08	1073	Yes/No Condition	n or Response Code	0	ID 1/1
		Code indicating a	Yes or No condition or response		
		OMTN (DL-41) = ( Y=(DWS: O-Or			
		Blank=(DWS: E	lank-Do Not Omit)		
		LNPL (DL-44) = L Y=(DWS: L-Let	etter Name Placement		
			Blank-Default to Word Placement)		
		ADI (DL-61) = Ado	dress Indicator		
			nit in DA and Directory)		
		Blank=(DWS: E	Blank-Do Not Omit)		
		DML (DL-25) = Di	rect Mail List		
		Y=(DWS: O-On			
		•	Jank-Do Not Omit)		
		TMKT (DL-27) = T			
		•	nit From Telemarketing) Blank-Do Not Omit)		
		NOSL (DL-26) = N	No Solicitation Indicator		
		PROF $(DL-32) = F$	Professional Identifier		

Segment:	REF	Reference Identification		
Position:	1000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	fy identifying information		
Syntax Notes:		ast one of REF02 or REF03 is required.		
		her C04003 or C04004 is present, then the other is required.		
	3 If eit	her C04005 or C04006 is present, then the other is required.		
Semantic Notes:	<b>1</b> REF	04 contains data relating to the value cited in REF02.		
Comments:				
Notes:	REF*LI*/	ALI(DL-11)		
		Data Flamout Summany		
Def	Data	Data Element Summary		
Ref.	Data	Nome		
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Attributes REF01	128	Reference Identification Qualifier	м	ID 2/3
	120		IVI	10 2/3
		Code qualifying the Reference Identification		

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

Line Item Identifier (Seller's)

Reference information as defined for a particular Transaction Set or as

М

REF02

LI

**Reference Identification** 

127

X AN 1/30

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*82*PLA
	Data Element Summary

			Summary		
Ref.	Data		-		
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
N901	128	Reference Ident	ification Qualifier	М	ID 2/3
		Code qualifying th	e Reference Identification		
		82	Data Item Description (DID) Referenc	е	
			Specific data elements that the gover a contractor to provide and are spelle requirement documents		
N902	127	Reference Identi	ification	Х	AN 1/30
			ation as defined for a particular Transact reference Identification Qualifier	tion S	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:	1 If MTX04 is "AA - Advance the specific number of lines before print",
	then MTX05 is required.
Notes:	MTX**PLA(DL-55)
	Data Element Summary
Ref.	Data
Des.	Element Name

<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: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	3200 N9 Detail Optional 1 To trans Identifica 1 At le 2 If N9 3 If eit	Reference Identification Optional mit identifying information as specified by the Referention Qualifier wast one of N902 or N903 is required. 006 is present, then N905 is required. her C04003 or C04004 is present, then the other is reference.	required.	
Semantic Notes:	1 N90	6 reflects the time zone which the time reflects.		
Comments: Notes:		7 contains data relating to the value cited in N902.		
Ref.	Data	Data Element Summary		
<u>Des.</u> Attributes	<u>Element</u>	Name		
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		82 Data Item Description (DID) Re	ference	
		Specific data elements that the a contractor to provide and are requirement documents	•	
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Tr	ansaction S	Set or as

specified by the Reference Identification Qualifier

"LTXTY"

Free-form Description Free-form descriptive text

LTXTY (DL-57) = Listing Text Type

369

М

N903

Χ

AN 1/45

Segment:	MTX Text
Position:	3260
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX** LTEXT(DL-59)
	Data Element Summary
Ref.	Data
<u>Des.</u> <u>Attributes</u>	Element Name

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

Message Text

1551

MTX02

X AN 1/4096

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	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*DL
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes				
N901	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier ORI Order Instructions	tion	Set or as
N903	369	Free-form Description	Х	AN 1/45
		Free-form descriptive text		
		"DL"		

М

Segment:	MTX Text						
Position:	3260	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 print", then MTX05 is required.</li> </ol>						
Notes:	MTX**REMARKS(DL-113)						
	Data Element Summary						
Ref.	Data						
Des.	<u>Element</u> <u>Name</u>						
<u>Attributes</u>							
MTX02	1551 Message Text X AN 1/4	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>	Data <u>Element</u>	<u>Name</u>		
<u>Attributes</u> N101	98	Entity Identifi	er Code	M ID 2/3
		Code identifyin an individual DH	ng an organizational entity, a phy Doing Business As	rsical location, property or
N102	93	Name Free-form nam "LISTINGS"	e	X AN 1/60

	Segment:	IN2	Individual Name Str	ructure Components		
	-			ucture components		
	Position: Loop:	3550 N1	Optional			
	Level:	Detail	optional			
	Usage:	Optional				
	Max Use:	>1				
	Purpose:	To sequ	ence individual name	components for maximum specificity		
	Syntax Notes:					
	Semantic Notes:					
	Comments:					
	Notes:		NLN(DL-45)	10)		
			NFN(DL-46)*LNFN(DL	40)		
			0ES(DL-47) L(DL-48)*TL			
			ITLE1(DL-49)*TITLE1			
			ESD(DL-50a)*DESD			
			LD(DL-51)*TLD			
		IN2*01*T	ITLE1D(DL-52)*TITLE	1D		
			ICK(DL-54)			
	D.(		Data Element Summ	nary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Namo			
	<u>Attributes</u>		Indiffe			
м	IN201	1104	Name Component	Qualifier	м	ID 2/2
	-	-	•	type of name component		-
				Prefix		
				First Name		
				.ast Name		
				Combined (Unstructured) Name		
			-	Preferred First Name or Nickname		
				Professional Title		_
М	IN202	93	Name		М	AN 1/60
			Free-form name			
			LNLN (DL-45) = Liste			
			LNFN (DL-46) = Liste			
			DES (DL-47) = Designation $T_{\rm L}$ (DL 48) = Title of			
			TL (DL-48) = Title of TITLE1 (DL-49) = Titl			
				esignation for Dual Name		
				f Lineage for Dual Name		
			· · · ·	itle of Address 1 for Dual Name		
			NICK (DL-54) = Nick			
	IN203	93	Name		0	AN 1/60
			Free-form name			
			LNFN (DL-46) = Liste	ed Name First		
			"TL"			
			"TITLE1"			
			"DESD" "TLD"			
			"TITLE1D"			

Segment:	N4 o	Geographic Location						
Position:	3700							
Loop:	N1 Optional							
Level:	Detail	Detail						
Usage:	Optional	Optional						
Max Use:	1							
Purpose:	To specify 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 n	nay					
		dequate to specify a location.						
NI /		2 is required only if city name (N401) is in the U.S. or Canad	a.					
Notes:	N4**LAS	T(DL-71)						
		Data Element Summary						
Ref.	Data	Data Liement Summary						
Des.	Element	Name						
<u>Attributes</u>								
N402	156	State or Province Code	( ID 2/2					
11102								
	Code (Standard State/Province) as defined by appropriate 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\*07\*LALOC(DL-70) NX2\*18\*LALO(DL-69) NX2\*40\*LASS(DL-68) NX2\*59\*LAPR(DL-62)

### Data Element Summary

NX2\*61\*LASF(DL-64) NX2\*62\*LATH(DL-67)

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	NX201	1106	Address Compon	ent 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 Informat	ion	Μ	AN 1/55
			Address informatio	n		
			LANO (DL-63) = Li	sted Address Number		
			LASN (DL-66) = Li	sted Address Street Name		
			LASD (DL-65) = Li	sted Address Street Directional Prefix		
			LALOC $(DL-70) = I$	Listed Address Locality		
			LALO $(DL-69) = List$	sted Address Location		
			LASS (DL-68) = Li	sted Address Street Directional Suffix		
			LAPR $(DL-62) = Li$	sted Address Number Prefix		
			LASF $(DL-64) = List$	sted Address Number Suffix		
			· · /	sted Address Street Type		

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

			Data Element	Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
			Code identifying t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
М	SI02	1000	Service Charact	eristics Qualifier	Μ	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of ser	vice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
М	SI03	234	Product/Service	e ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
				ted Telephone Number Non Standard Telephone Number		
			. /			

Segment:	CTT	Transaction Totals						
Position:	0100							
Loop:	CTT C	CTT Optional						
Level:	Summary							
Usage:	Optional							
Max Use:	1							
Purpose:	To transmit	a hash total for a specific element in the transaction se	t					
Syntax Notes:	1 If either	r CTT03 or CTT04 is present, then the other is required.						
	2 If either	r CTT05 or CTT06 is present, then the other is required.						
Semantic Notes:								
Comments:		gment is intended to provide hash totals to validate ction completeness and correctness.						
Notes:	CTT*Numb	er of POC Segments						
		Data Element Summary						
Ref.	Data							
<u>Des.</u> Attributes	<u>Element</u> N	ame						
I CTT01	354 N	umber of Line Items	М	N0 1/6				

Total number of line items in the transaction set

Segment:	SE T	ransaction Set Trailer		
	0300			
Loop:	~			
	Summary			
	Mandato	ſy		
Max Use:	1			
-		te the end of the transaction set and provide the count of the ed segments (including the beginning (ST) and ending (SE) s)	Э	
Syntax Notes:	0	,		
Semantic Notes:				
Comments:	1 SE is	s the last segment of each transaction set.		
Notes:	SE*Numl	per of Segments*TRAN SET CONTROL #		
		Data Element Summary		
Ref.	Data			
Des. E	<u>lement</u>	Name		
<u>Attributes</u>				
I SE01	96	Number of Included Segments	M	N0 1/10
		Total number of segments included in a transaction set included and SE segments	udii	ng ST
I SE02	329	Transaction Set Control Number	M	AN 4/9
		Identifying control number that must be unique within the transaction functional group assigned by the originator for a transaction		

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