UNE-P PBX DID IN ONLY TRUNK

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51. UNE-P PBX DID IN ONLY TRUNK

51.1 Business Description

UNE-P PBX Direct Inward Dialing (DID) In Only Trunk is a special PBX trunk arrangement that permits incoming calls from the exchange network to reach a specific PBX station directly without attendant assistance using analog trunk technology.

The following forms will be used between Qwest and the CLEC for UNE-P PBX DID In Only Trunk ordering purposes:

- LSR Local Service Request
- EU End User Information
- DRS DID Resale Service
- DL Directory Listing

The following Order Activity Matrices define the available Order, and/or Line and Listing Activities for UNE-P PBX DID In Only Trunk:

Business Rules for Combining Order, and/or Line and Listing Activities For UNE-P PBX **DID In Only Trunk**

Order Activity Definition

ACT | Definition | Application

Updated: January 21, 2002

Type	ACI	Definition	Application	- see DTNRACT and	Forms required
				DTKACT values below	
MB	N	New Installatio n	New installation of a UNE-P PBX DID In Only Trunk(s).	DTNRACT = N DTKACT = N	LSR, EU, DRS, DL
	D	Disconnec t	Disconnect all services at the account level with transfer of calls	DTNRACT = D DTKACT = D	LSR, EU, DRS
			Disconnect all services at the account level with no transfer of calls	Not Applicable	LSR, EU
	W	Conversio n As Is	Change from one CLEC to another with no change to product or service or Directory Listing. Conversion of Retail or Resold PBX DID Trunks to UNE-P PBX DID In Only Trunks with no changes to product or service or Directory Listing.	Not Applicable	LSR, EU

V	Conversio n As Specified	Conversion As Specified valid on conversion from existing UNP-P PBX DID In Only Trunk(s) from one CLEC to another or conversions from Retail or Resold PBX DID Trunk(s) to UNE-P PBX DID In Only Trunk(s) with changes in the service and can include Directory Listing changes.	DTNRACT = V DTKACT = V	LSR, EU, DRS, DL
Z	Conversio n As Specified, No Directory Listing	Conversion As Specified valid on conversion from existing UNP-P DID In Only Trunk(s)from one CLEC to another or conversions from Retail or Resold PBX DID Trunk(s) to UNE-P PBX DID In Only Trunk(s) with changes in the service, but with no Directory Listing changes.	Not Applicable	LSR, EU, DRS
С	Change	Change of an existing UNE-P PBX DID In Only Trunk(s) such as, add/remove features, add/remove trunk(s) to existing service/account, PIC/LPIC change, change/add/remove Directory Listing, change billing information, change telephone number	DTNRACT = N or D DTKACT = C	LSR, EU, DRS, DL (if changing)
T	Outside Move	Outside move of an existing UNE-P PBX DID In Only Trunk(s) end user location.	DTNRACT = N DTKACT = N	LSR, EU, DRS, DL
L	Seasonal Suspend	Seasonal Suspend of an end user service who has elected temporary interruption of service	Not Applicable	LSR, EU, DRS
Υ	Deny	Denial of an end user service	Not Applicable	LSR, EU
В	Restore	Restoral of an end user service that was previously denied or seasonal suspend	Not Applicable	LSR, EU
R	Record	Not Allowed	Not Applicable	
М	Inside Move	Not Allowed	Not Applicable	

Telephone Number Activity – The DTNRACT field is required when the DTNRQ is populated.

DTNRACT	Definition	Application
N	Add New TN Block	Use to indicated the new TN blocks that are to be added.
D	Remove TN Block	Use to indicate the existing TN blocks that are to be removed.
V	Convert Existing TN Blocks As Specified	Indicates that existing TN Blocks are to be converted as specified.

Trunk Activity – The DTKACT field is required when the DTK is populated.

DTKACT	Definition	Application
N	Add New Trunk	Use to indicated the new trunks that are to be added.
D	Remove Trunk	Use to indicate the existing trunks that are to be removed.
V	Convert Existing Trunk As Specified	Indicates that existing trunks are to be converted as specified.
С	Change to Existing Trunk	Indicates that a change to an existing trunk is being requested.

51.2 Business Model

See Appendix H

51.3 Developer Worksheets

See Appendices B and C - Developer Worksheets - Order

51.4 Trading Partner Access Information

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

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.
- Order Completion 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.

51.4.1 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.

51.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

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

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

	SENT TO Qwest	RECEIVED FROM Qwest	
ISA01	'00' (No Authorization information present)	'00' (No Authorization information present)	
ISA02	Spaces (Authorization information)	Spaces (Authorization information)	
ISA03	'00' (No Security information is present)	'00' (No Security information is present)	
ISA04	Spaces (Security Information)	Spaces (Security information)	
ISA05	Co-Provider TP qualifier	'ZZ' (Mutually Defined)	
ISA06	Co-Provider TP ID	'QWESTO' (Note: This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)	
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier	
ISA08	'QWESTO' (Note: 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 (2 Clock)		
ISA11	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS) 'U' (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	'0' (No acknowledgment requested)	'0' (No acknowledgment requested)	
ISA15	'P' (Production data)	'P' (Production data)	
ISA16	'0x1f' (Sub-element Separator)	'0x1f' (Sub-element Separator)	

51.4.3 GS TABLE INFORMATION

ANSI X12 GS and GE segment definitions:

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

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

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

GS Table

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

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Service Request	Receive	850UPDIT	PO	Co-Provider TP ID	UPDIT90
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

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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)

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

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Supplemental	Receive	860UPDIT	PC	Co-Provider TP ID	UPDIT90
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

51.4.4 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 5 and LSOG 3 (When Applicable)	ELMS 5	004010
Local Service Request	LSOG 5	ELMS 5	004020
Directory Listing	LSOG 5	ELMS 5	004020
Resale	LSOG 5	ELMS 5	004020
Status Updates			004020
Firm Order Confirmation			004020
Non Fatal Error Response			004020
Fatal Error Response			004020
Jeopardy			004020
Completion			004020

51.5 Mapping Examples

51.5.1 850 UNE-P PBX DID In Only Trunk Service Request (850UPDIT) – 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
DW's used in this mapping example:	
LSR=Local Service Request	
EU=End User	
DRS=DID Resale Service	
DL=Directory Listing	
Italics = Literal	GOOD
<u>Underline</u> = Apply code conversion, used	<u>ACT</u>
with Bold/Italics . Code conversion tables	
can be found in the data dictionary of this	
disclosure.	
[] = Segment notes for this line	[SI Segment repeats]
() = Element notes for this line	(This element states)
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.

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```
SI*TI*NI* NCI
SI*TI*IW*IWOEU-36
PID*S**TI*AH***SO-RSQ*CHC<sup>LSR-22</sup>
\mathsf{PID^{+}S^{**}TI^{+}CONVIND^{***}SO-RSQ^{+}} \underline{\textit{CONVIND}}^{\mathsf{LSR-24a}}
PID*S**TI*AO***SO-RSQ*AGAUTH
PID*S**TI*BI***SO-RSQ*FBF<sup>EU-42</sup>
N9*H7*ORI*LSR****2W>MANUAL IND<sup>LSR-108a</sup>
MTX**REMARKS<sup>LSR-108</sup>
N9*H7*ORI*EU****2W,>MANUAL IND<sup>EU-63a</sup>
MTX**REMARKS
N9*H7*ORI*DRS****2W>MANUAL IND<sup>DRS-31a</sup>
MTX**REMARKSDRS-31
N1*78*CCNA<sup>LSR-1</sup>
PER*AG*INIT<sup>LSR-81</sup>*TE*TEL NO<sup>LSR-82</sup>*FX* FAX NO<sup>LSR-84</sup>*EM*EMAIL LSR-83
PER*CN*IMPCON<sup>LSR-91</sup>*TE*TEL NO<sup>LSR-92</sup>*BN*PAGER<sup>LSR-93</sup>
PER*AL*ALT IMPCON<sup>LSR-94</sup>*TE*TEL NO<sup>LSR-95</sup>*BN*PAGER<sup>LSR-96</sup>
N1*AN*AUTHNMLSR-37
N1*X1*BILLNM<sup>EU-43</sup>
N2*SBILLNM<sup>EU-44</sup>
N4**STATE<sup>EU-49</sup>*ZIP<sup>EU-50</sup>
NX2*01*SANO<sup>EU-45b</sup>
NX2*02*SASN<sup>EU-45e</sup>
NX2*03*SASD<sup>EU-45d</sup>
NX2*07*CITY<sup>EU-48</sup>
NX2*32*FLOOR<sup>EU-46</sup>
NX2*35*ROOM/MAIL STOP<sup>EU-47</sup>
NX2*40*SASS<sup>EU-45g</sup>
NX2*59*SAPR<sup>EU-45a</sup>
NX2*61*SASF<sup>EU-45c</sup>
NX2*62*SATH<sup>EU-45f</sup>
SI*TI*AF*AFTEU-44a
```

End User Form (Location and Access Section)

```
PO1*n*1*EA***ZZ* EU_SA
                                                                         [PO1 Loop may repeat]
SI*TI*OP*WSOP<sup>EU-31</sup>*TN*WSOP TEL NO<sup>EU-31a</sup>
PID*S**TI*ANV***SO-RSQ*ANV<sup>EU-8a</sup>
REF*IX* LOCNUM EU-7*LOCNUM
N9*L1*ACC*EU
MTX**ACC<sup>EU-30</sup>
N1*IT*NAME<sup>EU-8</sup>
N4**STATE<sup>EU-25</sup>*ZIP<sup>EU-26</sup>**RJ*CALA<sup>EU-26</sup>a
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*ROUTEEU-23b
NX2*07*CITY<sup>EU-24</sup>
NX2*39*AHN<sup>EU-23a</sup>
NX2*40*SASSEU-16
NX2*59*SAPR<sup>EU-10</sup>
NX2*61*SASF<sup>EU-12</sup>
NX2*62*SATHEU-15
NX2*<u>LD1</u><sup>EU-17</sup>*LV1<sup>EU-18</sup>
NX2*<u>LD2</u><sup>EU-19</sup>*LV2<sup>EU-20</sup>
NX2*<u>LD3</u><sup>EU-21</sup>*LV3<sup>EU-22</sup>
```

PER*CA**LCON*^{EU-27}*TE**TEL NO*^{EU-28} SI*TI*AF**AFT*^{EU-9} N1*ZE**CPE MFR*^{EU-32} REF*MJ**CPE MOD*^{EU-33}

End User Form (Disconnect Information Section)

PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat] SI*TI*ND*DISC NB $\textbf{R}^{\text{EU-55}}$ SI*TI*T6*TC OP $\textbf{T}^{\text{EU-57}}$ REF*IX* $\textbf{DNUM}^{\text{EU-54}*}$ DNUM DTM*376*TC PER $\{\text{CCYYMMDD}\}^{\text{EU-62}}$ SLN*TCPRI*n*A*1*EA SI*TI*TC*TC TO PR $\textbf{E}^{\text{EU-58}}$ N1*TT*TC NAM $\textbf{E}^{\text{EU-58b}}$ REF*55* $\textbf{TCID}^{\text{EU-58a}*}$ PRI SLN*TCSEC*n*A*1*EA [SLN Loop may repeat] SI*TI*TC*TC TO SEC $\textbf{E}^{\text{EU-59}}$ N1*TT*TC NAM $\textbf{E}^{\text{EU-61}}$ REF*55* $\textbf{TCID}^{\text{EU-60}*}$ SEC

DRS Form (DID Resale Service Section)

PO1*n*1*EA***ZZ* DRS [PO1 Loop may repeat] SI*TI*CM*CKRDRS-10 SI*TI*SA***DTKACT**DRS-17 SI*TI*TH***DTGN**DRS-19 SI*TI*RI* **DRTI**PRS-20 SI*TI*TQ***DTL**PRS-21 SI*TI*TK***DTKID**DRS-22 SI*TI*DD***DGOUT**DRS-23 SI*TI*PE***DPULSE**DRS-24 SI*TI*TS***DSGNL**DRS-25 REF*IX* **DIDNUM** DRS-8*DIDNUM QTY*FJ***DTK**^{DRS-18}*EA SLN*DTNR*n*A*1*EA [SLN Loop may repeat] SI*TI*SA***DTNRACT**DRS-11 SI*TI*T9***DTNR**^{DRS-13} QTY*FL***DTNRQ**^{DRS-12}*EA QTY*20***DSTNQ**DRS-15*EA IQTY Loop repeats **DSTNQ**DRS-15 times1 QTY*JA**EA*DSTN SI*TI*SA***DSTNACT**DRS-14 SI*TI*DY***DSTN**DRS-16

DL Form (Delivery Address/Information Section)

PO1*n*1*EA***ZZ*DA [PO1 Loop repeats **DDQTY**^{DL-23} times]
SI*TI*AD***DACT**^{DL-81}
QTY*31***DIRQTYA**^{DL-103*}DY
QTY*38***DIRQTYNC**^{DL-104*}DY
N1*DA*DELNAME
N4****STATE**^{DL-99*}**ZIP**^{DL-100}
NX2*01***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}

DL Form (Service Details Section)

 $\begin{array}{l} {\sf PO1*n*1*EA***ZZ*DL*SH*RTY}^{\sf DL-12} \\ {\sf SI*TI*LB*} \\ {\it LACT}^{\sf DL-10} \end{array}$ SI*TI*LE**LTY*^{DL-13} SI*TI*TW***STYC**DL-15 SI*TI*BR*TOADL-16 SI*TI*DG***DOI**DL-17 SI*TI*DN***DIRNAME**DL-34 SI*TI*BO**BRO*^{DL-28} PID*S**TI*AR***SO-RSQ*<u>OMTN</u>DL-41 PID*S**TI*AS***SO-RSQ**LNPL*DL-44
PID*S**TI*AT***SO-RSQ**ADI*DL-61 PID*S**TI*AW***SO-RSQ*<u>DML</u>DL-25 PID*S**TI*AX***SO-RSQ***NOSL**DL-26 PID*S**TI*AY***SO-RSQ*TMKT PID*S**TI*BA***SO-RSQ**PROF*^{DL-32} REF*LI**ALP*^{L-11} N9*82*PLA MTX****PLA**^{DL-55} N9*82*LTXTY***LTXTY**^{DL-57} MTX***LTEXT*^{DL-59} N9*H7*ORI* DL MTX****REMARKS**DL-113 N1*DH*LISTINGS IN2*05**LNLN*^{DL-45} IN2*02**LNFN*^{DL-46}**LNFN*^{DL-46} IN2*21***DES**^{DL-47} IN2*10**TL*^{DL-48}**TL* IN2*01**TITLE1*^{DL-49}**TITLE1* IN2*12***DESD**^{DL-50a}*DESD IN2*10**TLD*^{DL-51}**TLD* IN2*01**TITLE1D*^{DL-52}**TITLE1D* IN2*18**NICK*^{DL-54} N4***LAST*^{DL-71} NX2*01**LANO*^{DL-63} NX2*02**LASN*^{DL-66} NX2*03**LASD*^{DL-65} NX2*07**LALOC*^{DL-70} NX2*18**LALO*^{DL-69} NX2*40***LASS**^{DL-68} NX2*59**LAPR*^{DL-62} NX2*61**LASF* DL-64 NX2*62**LATH*^{DL-67} SI*TI*TN**LTN* DL-39 $\mathsf{SI}^*\mathsf{TI}^*\mathsf{NS}^*\textit{NSTN}^{\mathsf{DL}\text{-}40}$

[PO1 Loop may repeat]

Important Note: If none of the above PO1 loops is applicable a "Dummy" PO1 loop is used in this format:

PO1*DUMMY*1*EA***ZZ*DD

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

51.5.2 UPDIT 860 SUPP - Specific Fields - Version 4020

The 860UPDIT is identical to the 850UPDIT except for the following: ST*860*TRAN SET CONTROL # BCH*<u>SUP</u>_SR-25*SS*PON_SR-2**VER_SR-3*PO Date (See Trading Partner Access Information) POC*n*RZ*****ZZ*?? Where?? = "EU_DISC" or "EU_SA" or "DRS" or "DA" POC*n*RZ******ZZ*??*SH*RTYDL-12 Where?? = "DL"

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

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

51.6 Data Dictionary

51.6.1 850 UNE-P PBX DID In Only Trunk Service Request (850UPDIT)

Functional Group ID=PO

Introduction:

The 850UPDIT Service Request will be used by the Co-Provider to initiate a service request for UNE-P PBX DID In Only Trunk 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, DID Resale Service and Directory Listing.

Heading:

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

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

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max.Use	Loop Not <u>RepeatCom</u>	
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - End User Form	М	1		n1
	0180	SI	(Location and Access Section) Service Characteristic Identification	0	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1		
	3400	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
	4000	PER	Administrative Communications Contact	0	3		
	4050	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3900	REF	Reference Identification	0	12		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - End User Form	М	1		n2
	0180	SI	(Disconnect Information Section) 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		П
			LOOP ID - N1			10	
	5350	N1	Name	0	1		
	5800	REF	Reference Identification	0	12		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - DRS Form (DID	M	1		n3
	0180	SI	Resale Service Section) Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1	× 1	
	4800	SI	Service Characteristic Identification	0	>1		
	.000	C .	LOOP ID - QTY		7.	>1	
	5290	QTY	Quantity	0	1		
			LOOP ID - QTY			>1	
	5290	QTY	Quantity	0	1	7 1	
	0200	α			·		
	5000	OT) (LOOP ID - QTY		1	>1	
	5290	QTY	Quantity	0	1		
	5300	SI	Service Characteristic Identification	0	>1		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - DL Form (Delivery Address/Information Section)	M	1		n4
	0180	SI	Service Characteristic Identification	0	>1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
			LOOP ID - PO1			100000	1
М	0100	PO1	Baseline Item Data - DL Form (Service	М	1		n5
	0180	SI	Details Section) Service Characteristic Identification	0	>1		
	0100	O.	LOOP ID - PID		<u> </u>	1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		
	1000	INLI	LOOP ID - N9		<u> </u>	1000	
	3300	N9	Reference Identification	0	1	1000	
	3400	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1	1000	
	5500	ING	Noto once identification	J	ı		П

	3400	MTX	Text	0	>1	
			LOOP ID - N9			1000
	3300	N9	Reference Identification	0	1	
	3400	MTX	Text	0	>1	
			LOOP ID - N1			200
	3500	N1	Name	0	1	
	3650	IN2	Individual Name Structure Components	0	>1	
	3800	N4	Geographic Location	0	1	
	3850	NX2	Location ID Component	Ο	>1	
	4050	SI	Service Characteristic Identification	0	>1	
			LOOP ID - PO1			100000
M	0100	PO1	Baseline Item Data - Dummy (DD)	М	1	n6

Summary:

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

Position: 0100

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes: Semantic Notes:

1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

2 The 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 #

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	·		
M	ST01	143	Transactio	n Set Identifier Code	M	ID 3/3
			Code uniqu	ely identifying a Transaction Set		
			850	Purchase Order		
M	ST02	329	Transactio	n Set Control Number	M	AN 4/9
			Identifying (control number that must be unique within the	e tran	saction set

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

Segment: **BEG** Beginning Segment for Purchase Order

Position: 0200

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Transaction Set and

transmit identifying numbers and dates

Syntax Notes:

Semantic Notes: 1 BEG05 is the date assigned by the purchaser to purchase order.

Comments:

Notes: BEG*00*SS*PON(LSR-2)**PO Date (See Trading Partner Access Information)

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	BEG01	353	Transaction Set Purpose Code	М	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
M	BEG02	92	Purchase Order Type Code	М	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
M	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		
M	BEG05	373	Date	М	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner Annion)	ccess	8

REF Reference Identification Segment:

Position: 0500

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

REF04 contains data relating to the value cited in REF02.

Semantic Notes:

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(DRS-5)*ORD

Data Element Summary

	D-6	D-1-	2 ata 2 io iii o iii o	Jannia. y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	REF01	128	Reference Identif	fication Qualifier	М	ID 2/3
			Code qualifying the	Reference Identification		
			11	Account Number		
			12	Number identifies a telecommunicat account Billing Account	ions iı	ndustry
				Account number under which billing	is ren	dered
			1V	Related Vendor Order Number		
			СО	A vendor's order number that is in ac primary order number Customer Order Number	ddition	to a
			JB	Job (Project) Number		
			OW	Service Order Number		
			SU	Number assigned when a customer and equipment and which appears of Special Processing Code		s service
				Unique code identifying the special has requirements for the claim	nandlii	ng
	REF02	127	Reference Identif	ication	X	AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

AN (LSR-7) = Account Number

EAN (EU-40) = Existing Account Number PROJECT (LSR-20) = Project Identification RTR (LSR-28) = Response Type Requested RPON (LSR-51) = Related Purchase Order Number

RORD (LSR-52) = Related Order Number BAN1 (LSR-61) = Billing Account Number 1

		ORD (DRS-5) = Order Number		
REF03	352	Description	X	AN 1/80
		A free-form description to clarify the related data element content	s and	d 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.

3 If either PAM04 or PAM05 is present, then the other is required.4 If either PAM06 or PAM07 is present, then the other is required.

5 If PAM07 is present, then at least one of PAM08 or PAM09 is

required.

If PAM07 is present, then PAM06 is required.
If PAM08 is present, then PAM07 is required.
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*48*PG_of_(LSR-10)(1st 2 Bytes)*EA

PAM*47*PG_of_(LSR-10)(2nd 2 Bytes)*EA

PAM*BH*DDQTY(DL-23)*EA

Data Element Summary

Ref.	Data		•		
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
PAM01	673	Quantity Qualifie	er	X	ID 2/2
		Code specifying th	ne type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
PAM02	380	Quantity		X	R 1/15
		Numeric value of c	quantity		
		First 2 bytes of PG	G_of_ (LSR-10)		
		Second 2 bytes of	PG_of_ (LSR-10)		
		DDQTY (DL-23) =	Number of Delivery Segments		
PAM03	C001	Composite Unit of	of Measure	X	
		To identify a comp examples of use)	oosite unit of measure (See Figures App	pend	ix for
C00101	355	. ,	Measurement Code	М	ID 2/2

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

EA Each

M

SAC Service, Promotion, Allowance, or Charge Information Segment:

Position: 1200

> Loop: SAC Optional

Level: Heading Optional Usage:

Max Use:

Purpose: To request or identify a service, promotion, allowance, or charge; to

specify the amount or percentage for the service, promotion, allowance,

or charge

At least one of SAC02 or SAC03 is required. **Syntax Notes:**

> 2 If either SAC03 or SAC04 is present, then the other is required.

> If either SAC06 or SAC07 is present, then the other is required. 3 4 If either SAC09 or SAC10 is present, then the other is required.

If SAC11 is present, then SAC10 is required.

If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7 If SAC14 is present, then SAC13 is required.

If SAC16 is present, then SAC15 is required.

Semantic Notes: If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

SAC05 is the total amount for the service, promotion, allowance, or

If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

SAC08 is the allowance or charge rate per unit.

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.

SAC16 is used to identify the language being used in SAC15.

Comments:

SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.

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.

SAC*N**TI*EXP [If this segment appears then EXP(LSR-26) = "Y"] Notes:

Data Element Summary

Data Ref. Des. **Element Name Attributes**

ID 1/1 М SAC01 248 Allowance or Charge Indicator

> Code which indicates an allowance or charge for the service specified No Allowance or Charge

SAC03	559	Agency Qual	ifier Code	Χ	ID 2/2
		Code identifyir	ng the agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	4 1301	Agency Serv Code	ice, Promotion, Allowance, or Charge	X	AN 1/10
		Agency mainta or charge	ained code identifying the service, promotion	on, a	llowance,
		EXP	Expedited Service Charge		

DTM Date/Time Reference Segment:

1500 Position:

Loop:

Level: Heading Usage: Optional Max Use:

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

If DTM04 is present, then DTM03 is required.

If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

> Notes: DTM*097*D/TSENT{CCYYMMDD}(LSR-12)*D/TSENT{HHMM}(LSR-12)

DTM*150*DDD{CCYYMMDD}(LSR-14) DTM*270*DATED{CCYYMMDD}(LSR-36) DTM*992****TM*DFDT{HHMM}(LSR-19)

Data Element Summary								
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
	Attributes							
М	DTM01	374	Date/Time Qualif	ier	М	ID 3/3		
			Code specifying type of date or time, or both date and time					
			097	Transaction Creation				
			150	Service Period Start				
			270	Date Filed				
			992	Date Requested				
	DTM02	373	Date		X	DT 8/8		
			Date expressed as	CCYYMMDD				
			D/TSENT (LSR-12) = Date Sent					
			DDD (LSR-14) = D	esired Due Date				
			,	Date of Agency Authorization				
	DTM03	337	Time		X	TM 4/8		
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,					
			or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes					
			(00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD =					
			hundredths (00-99)					
			D/TSENT{HHMM} (LSR-12) = Time Sent					
	DTM05	1250	Date Time Period Format Qualifier			ID 2/3		
			Code indicating the	e date format, time format, or date and	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 i	s the	numerical		
	DTMOO	4054	Data Time Davis	expression of minutes within an hour	v	ANI 4/05		
	DTM06	1251	Date Time Period		Х	AN 1/35		
			Expression of a date, a time, or range of dates, times or dates and times					
			DFDT{HHMM} (LSR-19) = Desired Frame Due Time					

Segment: SI Service Characteristic Identification

Position: 1850

Loop:

Level: Heading
Usage: Optional
Max Use: >1

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

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*RE*REQTYP(LSR-23)

SI*TI*AA*ACT(LSR-24) SI*TI*LS*LSO(LSR-43) SI*TI*TY*TOS(LSR-44) SI*TI*NC*NC(LSR-46) SI*TI*NI*NCI(LSR-48) SI*TI*IW*IWO(EU-36)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	ice Characteristics Qualifier M		
		Code from an industry code list qualifying the type of service characteristics				
			AA	Account Activity		
			IW	Inside Wire Options		
			LS	Local Serving Office		
			NC	Network Channel		
			NI	Network Channel Interface		
			RE	Requisition Type		
			TY	Type of Service		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or convice		

Identifying number for a product or service

ACT (LSR-24) = Activity

A=(DWS: N-New Installation)

D=(DWS : D-Disconnect of Entire Account)

W=(DWS : W-Conversion As Is)
V=(DWS : V-Conv. As Specified)

Z=(DWS: Z-Conversion As Spec/No Listing)

C=(DWS : C-Change)

T=(DWS: T-Outside Move (T/F))

SD=(DWS: L-Seasonal Suspend (not valid in WA or OR))

RS=(DWS : B-Restore) M=(DWS : M-Inside Move)

REQTYP (LSR-23) = Requisition Type and Status

LSO (LSR-43) = Local Service Office TOS (LSR-44) = Type of Service

NC (LSR-46) = Network Channel Code

NCI (LSR-48) = Network Channel Interface Code

IWO (EU-36) = Inside Wire Options

Segment: PID Product/Item Description

Position: 1900

Loop:

Level: Heading Usage: Optional Max Use: 200

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.
If PID09 is present, then PID05 is required.

Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list

being referred to.

2 PID04 should be used for industry-specific product description

codes.

PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer

being described in the segment.

3 PID07 specifies the individual code list of the agency specified in

PID03.

Notes: PID*S**TI*AH***SO-RSQ*CHC(LSR-22)

PID*S**TI*CONVIND***SO-RSQ*CONVIND(LSR-24a)

PID*S**TI*AO***SO-RSQ*AGAUTH(LSR-35)

PID*S**TI*BI***SO-RSQ*FBI(EU-42)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	PID01	349	Item Description	Туре	M	ID 1/1
			Code indicating th	ode indicating the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifier	Code	X	ID 2/2
			Code identifying the	ode identifying the agency assigning the code values		
			П	Telecommunications Industry		
	PID04	751	Product Description Code			AN 1/12
			A code from an in product character	code from an industry code list which provides specific data		
			AH	Coordinated Hot Cut		
			AO	Agency Authorization Status		
			BI	Final Bill Information Indicator		
			CONVIND	Conversion Indicator		
	PID07	822	Source Subqualifier		0	AN 1/15
			A reference that indicates the table or text maintained by the Source			

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code O 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

Segment: **N9** Reference Identification

Position: 2950

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

Notes: N9*H7*ORI*LSR****2W>MANUAL IND(LSR-108a)

Data Element Summary

	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
М	Attributes N901	128	Reference Identification Qualifier	М	ID 2/3		
IVI	14301	120		141	10 2/3		
			Code qualifying the Reference Identification				
			H7 Standard Clause	X			
	N902	127	Reference Identification		AN 1/30		
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	tion S	Set or as		
	N903	369	Free-form Description		AN 1/45		
			Free-form descriptive text				
			"LSR"				
	N907	C040	Reference Identifier	0			
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
M	C04001	128	Reference Identification Qualifier	М	ID 2/3		
			Code qualifying the Reference Identification				
			2W Change Order Authority				
M	C04002	127	Reference Identification	M	AN 1/30		
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
			MANUAL IND (LSR-108a) = Manual Indicator				

Segment: MTX Text

Position: 3000

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(LSR-108)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment: **N9** Reference Identification

Position: 2950

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

Notes: N9*H7*ORI*EU****2W>MANUAL IND(EU-63a)

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

Segment: MTX Text

Position: 3000

Loop: N9 Optional

Level: Heading Optional

Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(EU-63)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (EU-63) = Remarks

Segment: N9 Reference Identification

Position: 2950

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

Notes: N9*H7*ORI*DRS****2W>MANUAL IND(DRS-31a)

	Ref.	Data	Data Liomont	Summary .		
	Des.	Element	<u>Name</u>			
	Attributes					
M	N901	128	Reference Identi	fication Qualifier	M	ID 2/3
			Code qualifying the	e Reference Identification		
			H7	Standard Clause		
	N902	127	Reference Identi	fication	X	AN 1/30
				tion as defined for a particular Transac eference Identification Qualifier Order Instructions	tion S	Set or as
	N903	369	Free-form Descri	ption	X	AN 1/45
		Free-form descript	ive text			
			"DRS"			
	N907	C040	Reference Identi	fier	0	
м	C04001	128	specified by the Re	more reference numbers or identification eference Qualifier fication Qualifier	n nu M	mbers as
	004001	120		e Reference Identification		10 2/0
			2W	Change Order Authority		
М	C04002	127	Reference Identi	•	М	AN 1/30
			Reference informa specified by the R	tion as defined for a particular Transac eference Identification Qualifier S-31a) = Manual Indicator	tion S	Set or as
			WWW. CONCENTED (DIC	o ora, – manaar maloator		

Segment: MTX Text

Position: 3000

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(DRS-31)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (DRS-31) = Remarks

Segment: N1 Name

Position: 3100

Loop: N1 Optional

Level: Heading Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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*78*CCNA(LSR-1)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual 78 Service Requester N102 93 Name AN 1/60

Free-form name

CCNA (LSR-1) = Customer Carrier Name Abbreviation

Segment: PER Administrative Communications Contact

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.

If either PER05 or PER06 is present, then the other is required.
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) PER*AL*ALT IMPCON(LSR-94)*TE*TEL NO(LSR-95)*BN*PAGER(LSR-96)

Data Element Summary

Ref. Data
<u>Des. Element Name</u>
Attributes

M PER01 366 Contact Function Code M ID 2/2

Code identifying the major duty or responsibility of the person or group

named

AG Agent

AL Alternate Contact

Person to be contacted when the main contact is not

available

CN General Contact

PER02 93 Name O AN 1/60

Free-form name

INIT (LSR-81) = Initiator Identification

IMPCON (LSR-91) = Implementation Contact

ALT IMPCON (LSR-94) = Alternate Implementation Contact

PER03 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

TE Telephone

PER04 364 Communication Number X AN 1/256

Complete communications number including country or area code when

applicable

TEL NO (LSR-82) = Telephone Number TEL NO (LSR-92) = Telephone Number TEL NO (LSR-95) = Telephone Number

PER05 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

BN Beeper Number FX Facsimile

PER06 364 Communication Number X AN 1/256

Complete communications number including country or area code when

applicable

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

Segment: N1 Name

Position: 3100

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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*AN*AUTHNM(LSR-37)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual ΑN Authorized From A geographic location designated as an authorized pick-up or origin point for a shipment N102 93 Name Χ AN 1/60

Free-form name

AUTHNM (LSR-37) = Authorization Name

Segment: N1 Name

Position: 3100

Loop: N1 Optional

Level: Heading 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.

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)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual X1 Mail to An address to which a specified item is to be mailed N102 93 Name AN 1/60 Χ

Free-form name

BILLNM (EU-43) = Bill Name

Segment: N2 Additional Name Information

Position: 3200

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify additional names

Syntax Notes: Semantic Notes:

Comments:

Notes: N2*SBILLNM(EU-44)

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

M N201 93 Name M AN 1/60

Free-form name

SBILLNM (EU-44) = Secondary Bill Name

Segment: N4 Geographic Location

Position: 3400

Loop: N1 Optional

Level: Heading
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.

If N406 is present, then N405 is required.
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-49)*ZIP(EU-50)

Data Element Summary

Ref. Data Des. **Element Name Attributes** N402 156 Χ ID 2/2 **State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (EU-49) = State/Province ID 3/15 N403 116

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP (EU-50) = ZIP/Postal Code

NX2 Location ID Component Segment:

Position: 3450

> Loop: N1 Optional

Level: Heading Usage: Optional Max Use:

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

Notes: NX2*01*SANO(EU-45b)

NX2*02*SASN(EU-45e) NX2*03*SASD(EU-45d) NX2*07*CITY(EU-48) NX2*32*FLOOR(EU-46)

NX2*35*ROOM/MAIL STOP(EU-47)

NX2*40*SASS(EU-45g) NX2*59*SAPR(EU-45a) NX2*61*SASF(EU-45c) NX2*62*SATH(EU-45f)

Data Element Summary

	Ref. Des.	Data Element	<u>Name</u>	· · · · · ·		
	Attributes	Licinom	<u>itame</u>			
M	NX201	1106	Address Compo	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		
			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		
M	NX202	166	Address Informa	tion	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: SI Service Characteristic Identification

Position: 3650

Loop: N1 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-44a)

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

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

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.

If either PO106 or PO107 is present, then the other is required.
 If either PO108 or PO109 is present, then the other is required.
 If either PO110 or PO111 is present, then the other is required.

If either PO112 or PO113 is present, then the other is required. If either PO114 or PO115 is present, then the other is required. If either PO116 or PO117 is present, then the other is required. If either PO118 or PO119 is present, then the other is required. If either PO120 or PO121 is present, then the other is required.

11 If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

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

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*EU SA [PO1 Loop may repeat]

Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>	Name		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tr	ansaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Χ	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 expression manner in which a measurement has been taken EA Each	sed,	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234) ZZ Mutually Defined	r use	d in
PO107	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		

"EU_SA"

Segment: SI Service Characteristic Identification

Position: 0180

Loop: 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*OP*WSOP(EU-31)*TN*WSOP TEL NO(EU-31a)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of secharacteristics	vice	
M	CIOS	224	OP Working Service on Premises	М	A NI 4/40
М	SI03	234	Product/Service ID Identifying number for a product or service WSOP (EU-31) = Working Service on Premises	IVI	AN 1/48
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
	3104	1000	Code from an industry code list qualifying the type of secharacteristics TN Telephone Number		AN 2/2
	SI05	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			WSOP TEL NO (EU-31a) = Working Service on Premise Number	s Tel	ephone

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.

5 If PID09 is present, then PID05 is required.

Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list

being referred to.

2 PID04 should be used for industry-specific product description

codes.

3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

3 PID07 specifies the individual code list of the agency specified in

PID03.

Notes: PID*S**TI*ANV***SO-RSQ*ANV(EU-8a)

			Data Licinciit	ouriniar y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	PID01	349	Item Description	Туре	M	ID 1/1
			Code indicating the	e format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifier	Code	X	ID 2/2
			Code identifying th	ne agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product Descript	ion Code	X	AN 1/12
			A code from an inc product characteri ANV	dustry code list which provides specific stic Address Not Valid Indicator	data	about a
	PID07	822	Source Subquali	fier	0	AN 1/15
			A reference that in Qualifier	ndicates the table or text maintained by	the	Source
			SO-RSQ	Service Order - Reseller Questions lis	st	
	PID08	1073	Yes/No Condition	or Response Code	0	ID 1/1
			Code indicating a	Yes or No condition or response		
			ANV (EU-8a) = Ac	Idress Not Validated Indicator		

Segment: REF Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*LOCNUM(EU-7)*LOCNUM

			Data Element Gammary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	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	ion S	Set or as
			LOCNUM (EU-7) = Location Number		
	REF03	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data element content	s and	d their
			"LOCNUM"		

Segment: **N9** Reference Identification

Position: 3300

Loop: N9 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

"EU"

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*L1*ACC*EU

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ACC Access Instructions	ction	Set or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		

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.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**ACC(EU-30)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

ACC (EU-30) = Access Information

Segment: N1 Name

Position: 3500

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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*IT*NAME(EU-8)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** N101 98 ID 2/3 Code identifying an organizational entity, a physical location, property or an individual IT Installation on Site N102 93 Name AN 1/60

Free-form name

NAME (EU-8) = End User Name

Segment: N4 Geographic Location

Position: 3800

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax Notes:1 Only one of N402 or N407 may be present.2 If N406 is present, then N405 is required.

3 If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**STATE(EU-25)*ZIP(EU-26)**RJ*CALA(EU-26a)

Ret.	Data					
Des.	Element	<u>Name</u>				
Attributes						
N402	156	State or Province Code	X	ID 2/2		
		Code (Standard State/Province) as defined by appropriate agency	gov	ernment		
		STATE (EU-25) = State/Province				
N403	116	Postal Code	0	ID 3/15		
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		ZIP (EU-26) = ZIP/Postal Code				
N405	309	Location Qualifier	X	ID 1/2		
		Code identifying type of location				
		RJ Region				
N406	310	Location Identifier	0	AN 1/30		
		Code which identifies a specific location				
		CALA (EU-26a) = Customer Address Location Area				

Segment: **NX2** Location ID Component

Position: 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:

NX2*01*SANO(EU-11)

NX2*02*SASN(EU-14) NX2*03*SASD(EU-13) NX2*05*BOX(EU-23c) NX2*06*ROUTE(EU-23b) NX2*07*CITY(EU-24) NX2*39*AHN(EU-23a) NX2*40*SASS(EU-16) NX2*59*SAPR(EU-10) NX2*61*SASF(EU-12) NX2*62*SATH(EU-15)

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

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element</u> <u>Name</u>

Attributes

M NX201 1106 Address Component Qualifier

Code qualifying the type of address component

LD1(EU-17) = Location Designator 1 13=(DWS : APT) 34=(DWS: LOT)

35=(DWS: RM) 36=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT)

LD2(EU-19) = Location Designator 2

32=(DWS: FLR)

LD3(EU-21) = Location Designator 3

12=(DWS : BLDG) 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

O7 City Name12 Building Name

ID 2/2

	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
	07	is docked
	37	Unit
	00	A unit or separate structure
	39	Unstructured Property Street Suffix
	40	
	59	Street Number Low
	61 62	Street Number Fraction Street Name Suffix
M NX202 166	63 Address Informa	Secondary Unit Identifier Ation M AN 1/55
W NAZUZ 100	Address informati	
		Service Address Number
		Service Address Street Name
		Service Address Street Directional Prefix
	BOX (EU-23c) = I	Box Number
	ROUTE (EU-23b)	
	CITY (EU-24) = C	aty Assigned House Number
		Service Address Street Directional Suffix
		Service Address Number Prefix
	` ,	
		Service Address Number Suffix Service Address Street Type
	` ,	

LV1 (EU-18) = Location Value 1 LV2 (EU-20) = Location Value 2 LV3 (EU-22) = Location Value 3 Segment: PER Administrative Communications Contact

Position: 4000

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use: 3

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.

If either PER05 or PER06 is present, then the other is required.
If either PER07 or PER08 is present, then the other is required.

Semantic Notes: Comments:

Comment

Notes: PER*CA*LCON(EU-27)*TE*TEL NO(EU-28)

			Data Licinciit Guillilai y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the named	person	or group
			CA Customer Contact Granting Appoir	ntment	
	PER02	93	Name	0	AN 1/60
			Free-form name		
			LCON (EU-27) = Local Contact		
	PER03	365	Communication Number Qualifier	Х	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	Communication Number	X	AN 1/256
			Complete communications number including country of applicable	r area d	code when
			TEL NO (EU-28) = Telephone Number		

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-9)

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

Name Segment:

3500 Position:

> Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

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.

N105 and N106 further define the type of entity in N101.

N1*ZE*CPE MFR(EU-32) Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual ZΕ End Item Manufacturer Manufacturer of the end item associated with the required material N102 93 Name

X AN 1/60

Free-form name

CPE MFR (EU-32) = Customer Premises Equipment Manufacturer

REF Reference Identification Segment:

Position:

N1 Loop: Optional

Level: Detail Usage: Optional Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*MJ*CPE MOD(EU-33)

Data Element Summary

Ref. Data **Element Name** Des. **Attributes** М REF01 128 **Reference Identification Qualifier** ID 2/3 М Code qualifying the Reference Identification MJ Model Number REF02 127 **Reference Identification** Χ AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

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

Segment: PO1 Baseline Item Data - End User Form (Disconnect

Information Section)

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

2 If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.

If either PO114 or PO115 is present, then the other is required.

If either PO116 or PO117 is present, then the other is required.

If either PO118 or PO119 is present, then the other is required.

If either PO120 or PO121 is present, then the other is required.

If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

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

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat]

Ref.	Data			
Des.	Element	<u>Name</u>		
Attributes	250	Assissand Islandiffration	_	ANI 4/00
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation withi set	n a tı	ransaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	X	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 expression manner in which a measurement has been taken EA Each	sed,	, or
PO106	235	Product/Service ID Qualifier	X	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	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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*ND*DISC NBR(EU-55)

SI*TI*T6*TC OPT(EU-57)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	·		
M	SI01	559	Agency Qualific	er Code	М	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Charac	teristics Qualifier	М	AN 2/2
			Code from an inc characteristics	dustry code list qualifying the type of serv	/ice	
			ND	Disconnect Number		
			T6	Transfer of Calls Options		
M	SI03	234	Product/Servic	e ID	М	AN 1/48
			Identifying numb	er for a product or service		
			,	55) = Disconnect Telephone Number = Transfer of Call Options		

Segment: **REF** Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*DNUM(EU-54)*DNUM

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>				
M	REF01	128	Reference Identification Qualifier	M	ID 2/3		
			Code qualifying the Reference Identification				
			IX Item Number				
	REF02	127	Reference Identification	X	AN 1/30		
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DNUM (EU-54) = Disconnect Line Number				
	REF03	352	Description A free-form description to clarify the related data element content "DNUM"	X nts and	AN 1/80 d their		

Segment: DTM Date/Time Reference

Position: 2100

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DTM*376*TC PER{CCYYMMDD}(EU-62)

Data Element Summary

Ref. Data

Des. Element Name

<u>Des.</u> <u>Eier</u> Attributes

M DTM01 374 Date/Time Qualifier M ID 3/3

Code specifying type of date or time, or both date and time

376 Delivery End

The date that deliveries will end

DTM02 373 Date X DT 8/8

Date expressed as CCYYMMDD

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

Segment: SLN Subline Item Detail

Position: 4700

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.

2 If SLN07 is present, then SLN06 is required.3 If SLN08 is present, then SLN06 is required.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
If either SLN23 or SLN24 is present, then the other is required.

12 If either SLN25 or SLN26 is present, then the other is required.13 If either SLN27 or SLN28 is present, then the other is required.

4 CI NO1 is the identifying number for the public item

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: SLN*TCPRI*n*A*1*EA

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"TCPRI"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction	
			"n" = nth assigned ID within SLN loop			
M	SLN03	662	Relationship Code	M	ID 1/1	
			Code indicating the relationship between entities			
			A Add			
	SLN04	380	Quantity	X	R 1/15	
			Numeric value of quantity			

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

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO PRI(EU-58)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	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: 5350

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** N101 98 ID 2/3 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name AN 1/60

Free-form name

TC NAME (EU-58b) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5800

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*55*TCID(EU-58a)*PRI

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	,				
M	REF01	128	Reference le	dentification Qualifier	M	ID 2/3		
			Code qualifyi	ode qualifying the Reference Identification				
			55	Sequence Number				
	REF02	127	Reference I	leference Identification				
			specified by t	formation as defined for a particular Transact the Reference Identification Qualifier a) = Transfer of Calls to Identifier	ion S	Set or as		
	REF03	352	Description		X	AN 1/80		
			A free-form description to clarify the related data elements and their content "PRI"					

Segment: SLN Subline Item Detail

Position: 4700

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use:

Updated: January 21, 2002

Purpose: To specify product subline detail item data

Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.

2 If SLN07 is present, then SLN06 is required.3 If SLN08 is present, then SLN06 is required.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.

8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.

12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has beer 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or 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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO SEC(EU-59)

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

Segment: N1 Name

Position: 5350

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name 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 specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*55*TCID(EU-60)*SEC

			Data Eromont Gamma, y				
	Ref.	Data					
	Des.	Element	<u>Name</u>				
	Attributes						
M	REF01	128	Reference Identification Qualifier	M	ID 2/3		
			Code qualifying the Reference Identification				
			55 Sequence Number				
	REF02	127	Reference Identification	X	AN 1/30		
			Reference information as defined for a particular Transaction Set specified by the Reference Identification Qualifier				
			TCID (EU-60) = Transfer of Calls to Identifier				
	REF03	352	Description	X	AN 1/80		
			A free-form description to clarify the related da content	ita elements and	their		
			"SEC"				

Segment: PO1 Baseline Item Data - DRS Form (DID Resale Service

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.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.

10 If either PO120 or PO121 is present, then the other is required.11 If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

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

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*DRS [PO1 Loop may repeat]

Data Element Summary

Ref.	Data	·		
Des.	<u>Element</u>	<u>Name</u>		
Attributes	050	Assistant III and Constitution	_	A N 1 4 /00
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	Χ	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 expression manner in which a measurement has been taken EA Each	ssed	, or
PO106	235	Product/Service ID Qualifier	X	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		

"DRS"

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*CM*CKR(DRS-10)

SI*TI*SA*DTKACT(DRS-17) SI*TI*TH*DTGN(DRS-19) SI*TI*RI*DRTI(DRS-20) SI*TI*TQ*DTLI(DRS-21) SI*TI*TK*DTKID(DRS-22) SI*TI*DD*DGOUT(DRS-23) SI*TI*PE*DPULSE(DRS-24) SI*TI*TS*DSGNL(DRS-25)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	ustry code list qualifying the type of serv	vice	
			CM	Local Service Providers Circuit Number	er	
			DD	Digits Outpulsed		
			PE	Pulse Type		
			RI	Route Index		
			SA	Service Activity		
			TH	Trunk Group Number		
			TK	Trunk Number/Identification		
			TQ	Telephone Line Identifier		
			TS	Type of Signaling		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or convice		

Identifying number for a product or service

CKR (DRS-10) = Customer Circuit Reference DTKACT (DRS-17) = DID Trunk Activity DTGN (DRS-19) = Trunk Group Number
DRTI (DRS-20) = DID Route Index Number
DTLI (DRS-21) = DID Telephone Line Identifier
DTKID (DRS-22) = DID Trunk ID
DGOUT (DRS-23) = DID Digits Out
DPULSE (DRS-24) = DID Type of Pulsing
DSGNL (DRS-25) = DID Signaling

Segment: REF Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*DIDNUM(DRS-8)*DIDNUM

			Data Element Gammary				
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
M	REF01	128	Reference Identification Qualifier	M	ID 2/3		
			Code qualifying the Reference Identification				
			IX Item Number				
	REF02	127	Reference Identification	X	AN 1/30		
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
			DIDNUM (DRS-8) = DID Reference Number				
	REF03	352	Description	Х	AN 1/80		
			A free-form description to clarify the related data elements and the content				
			"DIDNUM"				

Position: 2930

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use:

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*FJ*DTK(DRS-18)*EA

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	Attributes				
M	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			FJ Trunked Channels		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DTK (DRS-18) = DID Trunk Quantity		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: SLN Subline Item Detail

Position: 4700

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify product subline detail item data

Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.

2 If SLN07 is present, then SLN06 is required.3 If SLN08 is present, then SLN06 is required.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.

If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
If either SLN23 or SLN24 is present, then the other is required.

12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: SLN*DTNR*n*A*1*EA [SLN Loop may repeat]

	Ret.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"DTNR"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

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

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or 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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*DTNRACT(DRS-11)

SI*TI*T9*DTNR(DRS-13)

	Ret.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	ustry code list qualifying the type of serv	rice	
			SA	Service Activity		
			T9	DID Telephone Number Range		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	r for a product or service		
			•	1) = DID Telephone Number Activity DID Telephone Number Range		

Position: 5290

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*FL*DTNRQ(DRS-12)*EA

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	QTY01	673	Quantity Qualifier	M	ID 2/2
			Code specifying the type of quantity		
			FL Units		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DTNRQ (DRS-12) = DID Telephone Number Quantity		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pendi	ix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	ssed,	or

Position: 5290

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use:

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*20*DSTNQ(DRS-15)*EA

	Ref. Des.	Data Element	Name		
	<u>Attributes</u>				
M	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			20 Unusable Quantity		
	QTY02	380	Quantity	Χ	R 1/15
			Numeric value of quantity		
			DSTNQ (DRS-15) = Disassociated Telephone Number Qu	ıantit	у
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Appearamples of use)	endi	ix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expres manner in which a measurement has been taken EA Each	sed,	or

Position: 5290

Loop: QTY Optional

Data

Level: Detail Usage: Optional

Max Use:

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:

Ref.

QTY04

Notes: QTY*JA**EA*DSTN [QTY Loop repeats DSTNQ(DRS-15) times]

Data Element Summary

Element Name Des. **Attributes** М QTY01 673 ID 2/2 **Quantity Qualifier** М Code specifying the type of quantity JΑ **Activity Codes** Number of activity codes assigned to company's activities QTY03 C001 **Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use) **Unit or Basis for Measurement Code** М C00101 355 М ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EΑ Each

61 Free-Form Message X AN 1/30

Free-form information

"DSTN"

Segment: SI Service Characteristic Identification

Position: 5300

Loop: QTY 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or 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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*DSTNACT(DRS-14)

SI*TI*DY*DSTN(DRS-16)

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	ustry code list qualifying the type of ser	vice	
			DY	Disassociated Telephone Number		
			SA	Service Activity		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or service		

DSTNACT (DRS-14) = Disassociated Telephone Number Activity

DSTN (DRS-16) = Disassociated Telephone Number

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 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.

If either PO114 or PO115 is present, then the other is required.

If either PO116 or PO117 is present, then the other is required.

If either PO118 or PO119 is present, then the other is required.

If either PO120 or PO121 is present, then the other is required.

If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

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

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*DA [PO1 Loop repeats DDQTY(DL-23) times]

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	X	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 expression manner in which a measurement has been taken EA Each	ssed	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	er use	ed in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"DA"		

Segment: SI Service Characteristic Identification

Position: 0180

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or 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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AD*DACT(DL-81)

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

Position: 2930

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify quantity information

Syntax Notes: 1 At least one of QTY02 or QTY04 is required.

2 Only one of QTY02 or QTY04 may be present.

Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.

Comments:

Notes: QTY*31*DIRQTYA(DL-103)*DY

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	,		
M	QTY01	673	Quantity Qualifie	r	M	ID 2/2
			Code specifying th	e type of quantity		
			31	Additional Demand Quantity		
	QTY02	380	Quantity		X	R 1/15
			Numeric value of q	uantity		
			DIRQTYA (DL-103)	= Number of Directories for Annual De	livery	У
	QTY03	C001	Composite Unit o	f Measure	0	
			To identify a comperation of use)	osite unit of measure (See Figures Ap	pend	ix for
M	C00101	355	Unit or Basis for	Measurement Code	M	ID 2/2
			. , ,	e units in which a value is being expres measurement has been taken Directory Books	ssed,	or
				Number of directory books delivered t	o cus	stomer

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.

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>		
M	QTY01	673	Quantity Qualifier	M	ID 2/2
			Code specifying the type of quantity		
			38 Original Quantity		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DIRQTYNC (DL-104) = Number of Directories Delivered or Connect	n Nev	N
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
M	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2

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

manner in which a measurement has been taken

DY Directory Books

Number of directory books delivered to customer

Segment: N1 Name

Position: 3500

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** N101 98 ID 2/3 Code identifying an organizational entity, a physical location, property or an individual DA **Delivery Address** N102 93 Name AN 1/60

Free-form name

"DELNAME"

N4 Geographic Location Segment:

Position: 3800

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify the geographic place of the named party

Syntax Notes: Only one of N402 or N407 may be present. 1

If N406 is present, then N405 is required. If N407 is present, then N404 is required.

Semantic Notes:

Comments: 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.

N4**STATE(DL-99)*ZIP(DL-100) Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** N402 156 Χ ID 2/2 **State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (DL-99) = State/Province ID 3/15 N403 116 **Postal Code**

Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

ZIP (DL-100) = ZIP/Postal Code

Segment: NX2 Location ID Component

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:

Ref.

Notes: NX2*01*DDANO(DL-85)

Data

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

Data Element Summary

	<u>Des.</u>	<u> Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	NX201	1106	Address Comp	ponent Qualifier	M	ID 2/2
			Code qualifying	the 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		
M	NX202	166	Address Inform	mation	M	AN 1/55

Address information

DDANO (DL-85) = Delivery Address Number DDASN (DL-88) = Delivery Address Street Name

DDASD (DL-87) = Delivery Address Street Directional Prefix

CITY (DL-98) = City

DDALO (DL-90a) = Delivery Address Location

DDASS (DL-90) = Delivery Address Street Directional Suffix

DDAPR (DL-84) = Delivery Address Number Prefix DDASF (DL-86) = Delivery Address Number Suffix DDATH (DL-89) = Delivery Address Street Type Segment: PO1 Baseline Item Data - DL Form (Service Details Section)

Position: 0100

Loop: PO1 Mandatory

Level: Detail
Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

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 off

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.
If either PO120 or PO121 is present, then the other is required.
If either PO122 or PO123 is present, then the other is required.
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 SIGN.

ISBN No., Model No., or SKU.

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

Data Element Summary

Ref.	Data			
Des.	<u>Element</u>	<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	Χ	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 expressmanner in which a measurement has been taken EA Each	ssed	, or
PO106	235	Product/Service ID Qualifier	X	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	X	AN 1/48
		Identifying number for a product or service		
		"DL"		
PO108	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive number	r use	ed in

Product/Service ID (234)

SH Service Requested

A numeric or alphanumeric code from a list of

services available to the customer

PO109 234 Product/Service ID

X AN 1/48

Identifying number for a product or service

RTY (DL-12) = Record Type

		CI				
	Segment:	SI Se	rvice Charac	teristic Identification		
	Position:	0180				
	Loop:	PO1	Mandatory			
	Level:	Detail				
	Usage: Max Use:	Optional >1				
	Purpose:		fy service cha	racteristic data		
	Syntax Notes:	•	•	05 is present, then the other is required.		
	Cymax Holes.			07 is present, then the other is required.		
				09 is present, then the other is required.		
				11 is present, then the other is required.		
				13 is present, then the other is required.		
				15 is present, then the other is required.		
				17 is present, then the other is required.		
				19 is present, then the other is required. 21 is present, then the other is required.		
	Semantic Notes:	9 11 EIL	ilei Sizo di Siz	21 is present, then the other is required.		
•	Comments:	1 SI01	defines the so	ource for each of the service characteristics		
			ifiers.			
	Notes:		*LACT(DL-10)			
			*LTY(DL-13)			
			/*STYC(DL-15))		
			*TOA(DL-16)			
			S*DOI(DL-17)	. 24)		
			I*DIRNAME(DL)*BRO(DL-28)	L-34)		
			Data Element	t Summary		
	Ref.	Data		t Guillillai y		
	Ref. <u>Des.</u>	Data <u>Element</u>		t Summary		
	<u>Des.</u> <u>Attributes</u>	Element	<u>Name</u>			
М	Des.				M	ID 2/2
M	<u>Des.</u> <u>Attributes</u>	Element	Name Agency Qua		M	ID 2/2
M	<u>Des.</u> <u>Attributes</u>	Element	Name Agency Qua	alifier Code	M	ID 2/2
M	<u>Des.</u> <u>Attributes</u>	Element	Name Agency Qua Code identify TI	alifier Code ring the agency assigning the code values	M	ID 2/2 AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar	Alifier Code ring the agency assigning the code values Telecommunications Industry aracteristics Qualifier n industry code list qualifying the type of ser	М	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic	alifier Code ring the agency assigning the code values Telecommunications Industry tracteristics Qualifier In industry code list qualifying the type of ser	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO	alifier Code ring the agency assigning the code values Telecommunications Industry aracteristics Qualifier In industry code list qualifying the type of ser assessions Business/Residence Placement Ove	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR	Alifier Code ring the agency assigning the code values Telecommunications Industry aracteristics Qualifier In industry code list qualifying the type of ser assigness/Residence Placement Ove Directory Listings Type of Account	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO	alifier Code ring the agency assigning the code values Telecommunications Industry aracteristics Qualifier In industry code list qualifying the type of ser assessions Business/Residence Placement Ove	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR	Alifier Code ring the agency assigning the code values Telecommunications Industry aracteristics Qualifier In industry code list qualifying the type of ser assigness/Residence Placement Ove Directory Listings Type of Account	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG	ralifier Code ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of ser cs Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN	ring the agency assigning the code values Telecommunications Industry aracteristics Qualifier In industry code list qualifying the type of ser as Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB	Alifier Code ring the agency assigning the code values Telecommunications Industry Aracteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LB	ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	M vice	
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	559 1000	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LE TW Product/Ser	ralifier Code ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	M vice rride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	559 1000	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LE TW Product/Ser Identifying nu	ralifier Code ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code rvice ID	M vice rride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	559 1000	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LE TW Product/Ser Identifying nu LACT (DL-10)	ralifier Code ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	M vice rride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	559 1000	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LE TW Product/Ser Identifying nu LACT (DL-10) LTY (DL-13) STYC (DL-15	ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code rvice ID Imber for a product or service) = Listing Type	M vice rride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	559 1000	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LE TW Product/Ser Identifying nu LACT (DL-10) LTY (DL-13) = STYC (DL-15) TOA (DL-16)	ralifier Code ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code rvice ID Imber for a product or service) = Listing Activity Indicator = Listing Type Style Code = Type of Account	M vice rride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	559 1000	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LE TW Product/Ser Identifying nu LACT (DL-10) LTY (DL-13) = STYC (DL-15) TOA (DL-16) DOI (DL-17) =	ralifier Code ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code rvice ID Imber for a product or service) = Listing Activity Indicator = Listing Type Style Code = Type of Account = Degree of Indent	M vice rride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	559 1000	Name Agency Qua Code identify TI Service Cha Code from ar characteristic BO BR DG DN LB LE TW Product/Ser Identifying nu LACT (DL-10) LTY (DL-13) = STYC (DL-15) TOA (DL-16) DOI (DL-17) = DIRNAME (D	ralifier Code ring the agency assigning the code values Telecommunications Industry racteristics Qualifier In industry code list qualifying the type of series Business/Residence Placement Ove Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code rvice ID Imber for a product or service) = Listing Activity Indicator = Listing Type Style Code = Type of Account	M vice rride	AN 2/2

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail Usage: Optional

Max Use:

Comments:

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.
If PID09 is present, then PID05 is required.

Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list

being referred to.

2 PID04 should be used for industry-specific product description

codes.

PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer

being described in the segment.

3 PID07 specifies the individual code list of the agency specified in

PID03.

Notes: PID*S**TI*AR***SO-RSQ*OMTN(DL-41)

PID*S**TI*AS***SO-RSQ*LNPL(DL-44) PID*S**TI*AT***SO-RSQ*ADI(DL-61) PID*S**TI*AW***SO-RSQ*DML(DL-25) PID*S**TI*AX***SO-RSQ*NOSL(DL-26) PID*S**TI*AY***SO-RSQ*TMKT(DL-27) PID*S**TI*BA***SO-RSQ*PROF(DL-32)

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	·		
M	PID01	349	Item Descri	otion Type	M	ID 1/1
			Code indicat	ing the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qua	alifier Code	X	ID 2/2
			Code identify	ring the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product Des	scription Code	X	AN 1/12
			A code from product char	an industry code list which provides specific acteristic	data	about a
			. AR	Omit Telephone Number		
			AS	Listed Name Placement		
			AT	Address Indicator		

ΑW

Direct Mail List

AX No Solicitation Indicator

AY Telemarketing

BA Professional Identifier

PID07 822 Source Subqualifier

A reference that indicates the table or text maintained by the Source

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code O ID 1/1

Code indicating a Yes or No condition or response

OMTN (DL-41) = Omit TN Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

LNPL (DL-44) = Letter Name Placement

Y=(DWS: L-Letter Placement)

Blank=(DWS: Blank-Default to Word Placement)

ADI (DL-61) = Address Indicator

Y=(DWS: O-Omit in DA and Directory)
Blank=(DWS: Blank-Do Not Omit)

DML (DL-25) = Direct Mail List

Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

TMKT (DL-27) = Telemarketing

Y=(DWS: O-Omit From Telemarketing)
Blank=(DWS: Blank-Do Not Omit)

NOSL (DL-26) = No Solicitation Indicator PROF (DL-32) = Professional Identifier O AN 1/15

REF Reference Identification Segment:

Position: 1000

> PO1 Loop: Mandatory

Level: Detail Usage: Optional Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*LI*ALI(DL-11)

Data Element Summary

Data Ref. **Element Name** Des. **Attributes** М REF01 128 **Reference Identification Qualifier** ID 2/3 М Code qualifying the Reference Identification LI Line Item Identifier (Seller's) REF02 127 **Reference Identification** Χ AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

ALI (DL-11) = Alpha/Numeric Listing Identifier Code

Segment: **N9** Reference Identification

Position: 3300

Loop: N9 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

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. Data

Des. Element Name

<u>Attributes</u>

M N901 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification

82 Data Item Description (DID) Reference

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

requirement documents

N902 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"PLA"

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.

If MTX03 is present, then MTX02 is required.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**PLA(DL-55)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

PLA (DL-55) = Place Listing As

Segment: **N9** Reference Identification

Position: 3300

Loop: N9 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 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*LTXTY*LTXTY(DL-57)

			Data Eleili	ent Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	N901	128	Reference Ic	lentification Qualifier	M	ID 2/3
			Code qualifying	ng the Reference Identification		
			82	Data Item Description (DID) Refe	rence	
				Specific data elements that the g a contractor to provide and are sprequirement documents		
	N902	127	Reference Id	lentification	X	AN 1/30
				ormation as defined for a particular Trar ne Reference Identification Qualifier	saction	Set or as
			"LTXTY"			
	N903	369	Free-form De	escription	Х	AN 1/45
			Free-form des	scriptive text		
			LTXTY (DL-57	') = Listing Text Type		

Segment: MTX Text

Position: 3400

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX** LTEXT(DL-59)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

LTEXT (DL-59) = Line of Text

Segment: **N9** Reference Identification

Position: 3300

Loop: N9 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

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. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion S	Set or as
	N903	369	Free-form Description Free-form descriptive text	X	AN 1/45

"DL"

Segment: MTX Text

Position: 3400

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(DL-113)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (DL-113) = Remarks

Name Segment:

Position: 3500

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1

providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

N105 and N106 further define the type of entity in N101.

N1*DH*LISTINGS Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual DH Doing Business As

N102 93 Name AN 1/60

Free-form name

"LISTINGS"

Position: 3650 Loop: N1 Optional Level: Detail Optional Usage: Max Use: >1 Purpose: To sequence individual name components for maximum specificity **Syntax Notes: Semantic Notes:** Comments: Notes: IN2*05*LNLN(DL-45) IN2*02*LNFN(DL-46)*LNFN(DL-46) IN2*21*DES(DL-47) IN2*10*TL(DL-48)*TL IN2*01*TITLE1(DL-49)*TITLE1 IN2*12*DESD(DL-50a)*DESD IN2*10*TLD(DL-51)*TLD IN2*01*TITLE1D(DL-52)*TITLE1D IN2*18*NICK(DL-54) **Data Element Summary** Ref. Data Des. **Element Name Attributes** М ID 2/2 **IN201** 1104 Name Component Qualifier М Code identifying the type of name component 01 Prefix 02 First Name 05 Last Name 10 Generation 12 Combined (Unstructured) Name 18 Preferred First Name or Nickname 21 Professional Title М **IN202** 93 Name М AN 1/60 Free-form name LNLN (DL-45) = Listed Name Last LNFN (DL-46) = Listed Name First DES (DL-47) = Designation TL (DL-48) = Title of Lineage TITLE1 (DL-49) = Title of Address 1 DESD (DL-50a) = Designation for Dual Name TLD (DL-51) = Title of Lineage for Dual Name TITLE1D (DL-52) = Title of Address 1 for Dual Name NICK (DL-54) = Nickname **IN203** 93 AN 1/60 Name 0 Free-form name LNFN (DL-46) = Listed Name First

IN2 Individual Name Structure Components

Segment:

"TL"
"TITLE1"
"DESD"
"TLD"
"TITLE1D"

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.

If N406 is present, then N405 is required.
If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**LAST(DL-71)

Data Element Summary

Ref. Data Des. Element

Element Name

Attributes

N402 156 State or Province Code X ID 2/2

Code (Standard State/Province) as defined by appropriate government

agency

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

Segment: NX2 Location ID Component

Position: 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:

Ref.

Notes: NX2*01*LANO(DL-63)

Data

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

Data Element Summary

	<u>Des.</u> Attributes	Element	<u>Name</u>			
M	NX201	1106	Address Compo	nent Qualifier	M	ID 2/2
			Code qualifying th	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
M	NX202	166	Address Informa	tion	M	AN 1/55

Address information

LANO (DL-63) = Listed Address Number LASN (DL-66) = Listed Address Street Name

LASD (DL-65) = Listed Address Street Directional Prefix

LALOC (DL-70) = Listed Address Locality LALO (DL-69) = Listed Address Location

LASS (DL-68) = Listed Address Street Directional Suffix

LAPR (DL-62) = Listed Address Number Prefix LASF (DL-64) = Listed Address Number Suffix LATH (DL-67) = Listed 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or 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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TN*LTN(DL-39)

SI*TI*NS*NSTN(DL-40)

Data Element Summary

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
M	SI01	559	Agency Qualifie	r Code	М	ID 2/2
			Code identifying t	he agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Charact	eristics Qualifier	M	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of serv	/ice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
M	SI03	234	Product/Service	e ID	M	AN 1/48
			Identifying number	er for a product or service		
			LTN (DL-39) = Lis	sted Telephone Number		

NSTN (DL-40) = 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.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.
If either PO120 or PO121 is present, then the other is required.
If either PO122 or PO123 is present, then the other is required.
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.

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

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 tı	ransaction
		"DUMMY"		
PO102	330	Quantity Ordered	X	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 expression manner in which a measurement has been taken EA Each	ssed,	or
PO106	235	Product/Service ID Qualifier	X	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	X	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 setSyntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

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. Element Name

<u>Attributes</u>

M CTT01 354 Number of Line Items M N0 1/6

Total number of line items in the transaction set

Segment: **SE** Transaction Set Trailer

Position: 0300

Loop:

Level: Summary Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the

transmitted segments (including the beginning (ST) and ending (SE)

segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: SE*Number of Segments*TRAN SET CONTROL #

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SE01	96	Number of Included Segments	М	N0 1/10
			Total number of segments included in a transaction set in and SE segments	cludi	ing ST
M	SE02	329	Transaction Set Control Number	М	AN 4/9
			Identifying control number that must be unique within the functional group assigned by the originator for a transaction		

51.6.2 860 UNE-P PBX DID In Only Trunk Supplemental Service Request (860UPDIT)

Functional Group ID=**PC**

Introduction:

The 860UPDIT will be used by the Co-Provider to change or cancel an 850UPDIT 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, DID Resale Service and Directory Listing.

Heading:

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

3000	N1	Name	0	1	
		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	
3550	SI	Service Characteristic Identification	0	>1	

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max.Use	Loop Notes and RepeatComments
		LOOP ID - POC			>1
0100	POC	Line Item Change - End User Form	0	1	
0180	SI	(Location and Access Section) Service Characteristic Identification	0	>1	
		LOOP ID - PID			1000
0500	PID	Product/Item Description	0	1	
1000	REF	Reference Identification	0	>1	
		LOOP ID - N9			1000
3200	N9	Reference Identification	0	1	
3260	MTX	Text	0	>1	
		LOOP ID - N1			200
3400	N1	Name	0	1	
3700	N4	Geographic Location	0	1	
3750	NX2	Location ID Component	0	>1	
3900	PER	Administrative Communications Contact	0	3	
3950	SI	Service Characteristic Identification	0	>1	
		LOOP ID - N1			200
3400	N1	Name	0	1	
3800	REF	Reference Identification	0	12	
		LOOP ID - POC			>1
0100	POC	Line Item Change - End User Form	0	1	
0180	SI	(Disconnect Information Section) Service Characteristic Identification	0	>1	
1000	REF	Reference Identification	0	>1	
2000	DTM	Date/Time Reference	0	10	
		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	

Sa60 NI			LOOP ID - N1			10	
	5360	N1	Name	0	1		
0100 PCC	5700	REF	Reference Identification	0	12		
Service Section Service Section Service Characteristic Identification O			LOOP ID - POC			>1	
1000 REF Reference Identification O	0100	POC		0	1		
LOOP ID - CTY	0180	SI		0	>1		
2930 QTY Quantity Q	1000	REF	Reference Identification	0	>1		
LOOP ID - SLN Subline Item Detail O			LOOP ID - QTY			>1	
4600 SLN Subline Item Detail 0 1 4700 SI Service Characteristic Identification 0 >1 5190 QTY Quantity 0 1 5210 SI Service Characteristic Identification 0 >1 1000 POC Line Item Change - DL Form (Delivery Address/Information Section) 0 1 0180 SI Service Characteristic Identification 0 >1 1000 PID - QTY >1 20 2930 QTY Quantity 0 1 2930 QTY Quantity 0 1 2930 QTY Quantity 0 1	2930	QTY	Quantity	0	1		
A700 SI Service Characteristic Identification O >1			LOOP ID - SLN			>1	
DOP ID - OTY	4600	SLN	Subline Item Detail	0	1		
Signature Sign	4700	SI	Service Characteristic Identification	Ο	>1		
COP ID - QTY			LOOP ID - QTY			>1	
5190 QTY Quantity O 1 5190 QTY Quantity O 1 5190 QTY Quantity O 1 5210 SI Service Characteristic Identification O >1 0100 POC Line Item Change - DL Form (Delivery Address/Information Section) O 1 0180 SI Service Characteristic Identification O >1 1 LOOP ID - QTY >1	5190	QTY	Quantity	0	1		
LOOP ID - QTY			LOOP ID - QTY			>1	
Signature Sig	5190	QTY	Quantity	0	1		
Signature Sig			LOOP ID - QTY			>1	
Service Characteristic Identification O	5190	QTY		0	1		
O100 POC Continue Continue	5210	SI		0	>1		
Address/Information Section Service Characteristic Identification O >1			LOOP ID - POC			>1	
Service Characteristic Identification O	0100	POC	Line Item Change - DL Form (Delivery	0	1		
LOOP ID - QTY Quantity O	0180	SI		0	>1		
2930 QTY Quantity O 1	0.00	.			· ·	>1	
Quantity	2930	QTY		0	1		
Quantity			LOOP ID - OTY			>1	
LOOP ID - N1 200	2930	QTY		0	1	7 '	
Name						200	
3700 N4 Geographic Location O	3400	NI4		_	1	200	
NX2							
LOOP ID - POC							
0100 POC Details Section) Line Item Change - DL Form (Service Details Section) O 1 0180 SI Service Characteristic Identification O >1 LOOP ID - PID 1000 0500 PID Product/Item Description O 1 1000 REF Reference Identification O >1 LOOP ID - N9 1000 3200 N9 Reference Identification O 1 3260 MTX Text O >1 LOOP ID - N9 1000 3200 N9 Reference Identification O 1	0.00						
Details Section Service Characteristic Identification O >1	0400	DOC			4	>1	
LOOP ID - PID	0100	POC	Details Section)	O	1		
0500 PID Product/Item Description O 1 1000 REF Reference Identification O >1 LOOP ID - N9 1000 3200 N9 Reference Identification O 1 3260 MTX Text O >1 LOOP ID - N9 1000 3200 N9 Reference Identification O 1	0180	SI		0	>1		
1000 REF Reference Identification O >1 1000 1000 1000 3200 N9 Reference Identification O 1 3260 MTX Text O >1 1000 Image: Text or control of the properties of t						1000	
LOOP ID - N9	0500	PID	Product/Item Description	0	1		
3200 N9 Reference Identification O 1 3260 MTX Text O >1 LOOP ID - N9 1000 3200 N9 Reference Identification O 1	1000	REF		0	>1		
3260 MTX Text O >1 LOOP ID - N9 1000 3200 N9 Reference Identification O 1						1000	
LOOP ID - N9 1000 3200 N9 Reference Identification O 1							
3200 N9 Reference Identification O 1	3260	MTX	Text	0	>1		
			LOOP ID - N9			1000	
3260 MTX Text O >1	3200	N9	Reference Identification	0	1		
	3260	MTX	Text	0	>1		

		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3550	IN2	Individual Name Structure Components	0	>1		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
3950	SI	Service Characteristic Identification	0	>1		

Summary:

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

Transaction Set Notes

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

Segment: **ST** Transaction Set Header

Position: 0100

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes: Semantic Notes:

1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

2 The 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*860*TRAN SET CONTROL #

			Dala Ele	illetit Sullillary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
М	ST01	143	Transaction	n Set Identifier Code	M	ID 3/3
			Code unique	ely identifying a Transaction Set		
			860	Purchase Order Change Request	- Buyer	Initiated
M	ST02	329	Transaction	n Set Control Number	M	AN 4/9
			, ,	ontrol number that must be unique within roup assigned by the originator for a trans		

Segment: **BCH** Beginning Segment for Purchase Order Change

Position: 0200

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To indicate the beginning of the Purchase Order Change Transaction Set

and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes: 1 BCH06 is the date assigned by the purchaser to purchase order.

2 BCH09 is the seller's order number.

3 BCH10 is the date assigned by the sender to the acknowledgment.

4 BCH11 is the date of the purchase order change request.

Comments:

Notes: BCH*SUP(LSR-25)*SS*PON(LSR-2)**VER(LSR-3)*PO Date (See Trading

Partner Access Information)

	Ref.	Data	Nome:			
	<u>Des.</u> Attributes	Element	<u>name</u>			
M	BCH01	353	Transaction Set Purpose Code	M	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)			
M	BCH02	92	Purchase Order Type Code	M	ID 2/2	
			Code specifying the type of Purchase Order			
			SS Supply or Service Order			
M	BCH03	324	Purchase Order Number	M	AN 1/22	
				Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON (LSR-2) = Purchase Order Number			
	BCH05	327	Change Order Sequence Number	0	AN 1/8	
		revision to a previously transmitted transaction set	Number assigned by the orderer identifying a specific charevision to a previously transmitted transaction set	nge	or	
	D.01100	.=-	VER (LSR-3) = Version Identification		DT 0/0	
M	BCH06	373	Date	M	DT 8/8	
			Date expressed as CCYYMMDD			
			PO Date = Purchase Order Date (See Trading Partner Ad Information)	cess	3	

REF Reference Identification Segment:

Position: 0500

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

REF04 contains data relating to the value cited in REF02. **Semantic Notes:**

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(DRS-5)*ORD

Data Element Summary

	D. (D	2 ata 2 io iii o iii o	- ua. y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	REF01	128	Reference Identif	fication Qualifier	М	ID 2/3
			Code qualifying the	Reference Identification		
			11	Account Number		
			12	Number identifies a telecommunicat account Billing Account	ions ii	ndustry
				Account number under which billing	is ren	dered
			1V	Related Vendor Order Number		
			СО	A vendor's order number that is in ac primary order number Customer Order Number	ddition	to a
			JB	Job (Project) Number		
			OW	Service Order Number		
			SU	Number assigned when a customer and equipment and which appears of Special Processing Code		s service
				Unique code identifying the special has requirements for the claim	nandlii	ng
	REF02	127	Reference Identif	fication	Χ	AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

AN (LSR-7) = Account Number

EAN (EU-40) = Existing Account Number PROJECT (LSR-20) = Project Identification RTR (LSR-28) = Response Type Requested RPON (LSR-51) = Related Purchase Order Number

RORD (LSR-52) = Related Order Number

BAN1 (LSR-61) = Billing Account Number 1

REF03 352	X AN 1/80
	ata elements and their

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.

3 If either PAM04 or PAM05 is present, then the other is required.
4 If either PAM06 or PAM07 is present, then the other is required.
5 If PAM07 is present, then at least one of PAM08 or PAM09 is

required.

If PAM07 is present, then PAM06 is required.
If PAM08 is present, then PAM07 is required.
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.

40.

Comments:

Notes: PAM*48*PG_of_(LSR-10)(1st 2 Bytes)*EA

PAM*47*PG_of_(LSR-10)(2nd 2 Bytes)*EA

PAM*BH*DDQTY(DL-23)*EA

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element</u> <u>Name</u>

<u>Attributes</u>

PAM01 673 Quantity Qualifier X ID 2/2

Code specifying the type of quantity
47 Primary Net Quantity
48 Secondary Net Quantity
BH Book Order Quantity

PAM02 380 Quantity X R 1/15

Numeric value of quantity

First 2 bytes of PG_of_ (LSR-10) Second 2 bytes of PG_of_ (LSR-10)

DDQTY (DL-23) = Number of Delivery Segments

PAM03 C001 Composite Unit of Measure X

To identify a composite unit of measure (See Figures Appendix for

examples of use)

M C00101 355 Unit or Basis for Measurement Code M ID 2/2

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

manner in which a measurement has been taken

EA Each

Segment: SAC Service, Promotion, Allowance, or Charge Information

Position: 1200

Loop: SAC Optional

Level: Heading 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.
1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or

1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

2 SAC05 is the total amount for the service, promotion, allowance, or charge.

If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

3 SAC08 is the allowance or charge rate per unit.

4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.

SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

7 SAC16 is used to identify the language being used in SAC15.

Comments:

Semantic Notes:

SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.

2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" -

Dollars in SAC09.

Notes: SAC*N**TI*EXP [If this segment appears then EXP(LSR-26) = "Y"]

Data Element Summary

Ref. Data

Des. Element Name

M SAC01 248 Allowance or Charge Indicator M ID 1/1

Code which indicates an allowance or charge for the service specified N No Allowance or Charge

Attributes

SAC03	559	Agency Qualif	ier Code	Χ	ID 2/2
		Code identifying	g the agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	1301	Agency Service Code	ce, Promotion, Allowance, or Charge	X	AN 1/10
		Agency maintai or charge	ined code identifying the service, promotion	on, a	llowance,
		EXP	Expedited Service Charge		

DTM Date/Time Reference Segment:

1500 Position:

Loop:

Level: Heading Usage: Optional Max Use:

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

If DTM04 is present, then DTM03 is required.

If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

> Notes: DTM*097*D/TSENT{CCYYMMDD}(LSR-12)*D/TSENT{HHMM}(LSR-12)

> > DTM*150*DDD{CCYYMMDD}(LSR-14) DTM*270*DATED{CCYYMMDD}(LSR-36) DTM*992****TM*DFDT{HHMM}(LSR-19)

			Data Element S	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
М	DTM01	374	Date/Time Qualif		М	ID 3/3
			Code specifying ty	pe of date or time, or both date and tin	ne	
			097	Transaction Creation		
			150	Service Period Start		
			270	Date Filed		
			992	Date Requested		
	DTM02	373	Date		X	DT 8/8
			Date expressed as	CCYYMMDD		
			D/TSENT (LSR-12)) = Date Sent		
			DDD (LSR-14) = D	esired Due Date		
			,	Date of Agency Authorization		
	DTM03	337	Time		X	TM 4/8
			•	24-hour clock time as follows: HHMM		
				HHMMSSDD, where $H = \text{hours} (00-23)$		
				r seconds (00-59) and DD = decimal s re expressed as follows: D = tenths (0		
			hundredths (00-99)		1-9) al	na DD =
			,	(LSR-12) = Time Sent		
	DTM05	1250		Format Qualifier	Χ	ID 2/3
			Code indicating the	e date format, time format, or date and	time	format
			TM	Time Expressed in Format HHMM		
				Time expressed in the format HHMM	wher	e HH is
				the numerical expression of hours in t		
				on a twenty-four hour clock and MM i	s the	numerical
				expression of minutes within an hour		
	DTM06	1251	Date Time Period	1	X	AN 1/35
			Expression of a datimes	te, a time, or range of dates, times or	dates	and
			DFDT{HHMM} (LS	R-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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*RE*REQTYP(LSR-23)

SI*TI*AA*ACT(LSR-24) SI*TI*LS*LSO(LSR-43) SI*TI*TY*TOS(LSR-44) SI*TI*NC*NC(LSR-46) SI*TI*NI*NCI(LSR-48) SI*TI*IW*IWO(EU-36)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	ustry code list qualifying the type of serv	rice	
			AA	Account Activity		
			IW	Inside Wire Options		
			LS	Local Serving Office		
			NC	Network Channel		
			NI	Network Channel Interface		
			RE	Requisition Type		
			TY	Type of Service		
M	SI03	234	Product/Service	ID	M	AN 1/48
			و ما مور با ما به مرابط الله مرابط ا	. fan a muadi iat an aamilaa		

Identifying number for a product or service

ACT (LSR-24) = Activity

A=(DWS: N-New Installation)

D=(DWS: D-Disconnect of Entire Account)

W=(DWS : W-Conversion As Is)
V=(DWS : V-Conv. As Specified)

Z=(DWS : Z-Conversion As Spec/No Listing)

C=(DWS : C-Change)

T=(DWS: T-Outside Move (T/F))

SD=(DWS: L-Seasonal Suspend (not valid in WA or OR))

RS=(DWS : B-Restore) M=(DWS : M-Inside Move)

REQTYP (LSR-23) = Requisition Type and Status

LSO (LSR-43) = Local Service Office TOS (LSR-44) = Type of Service

NC (LSR-46) = Network Channel Code

NCI (LSR-48) = Network Channel Interface Code

IWO (EU-36) = Inside Wire Options

Segment: PID Product/Item Description

Position: 1900

Loop:

Level: Heading Usage: Optional Max Use: 200

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.

5 If PID09 is present, then PID05 is required.

Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list

being referred to.

2 PID04 should be used for industry-specific product description

codes.

3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer

being described in the segment.

3 PID07 specifies the individual code list of the agency specified in

PID03.

Notes: PID*S**TI*AH***SO-RSQ*CHC(LSR-22)

PID*S**TI*CONVIND***SO-RSQ*CONVIND(LSR-24a)

PID*S**TI*AO***SO-RSQ*AGAUTH(LSR-35)

PID*S**TI*BI***SO-RSQ*FBI(EU-42)

Data Element Summary

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	·		
M	PID01	349	Item Description	n Type	M	ID 1/1
			Code indicating t	he format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifier Code		X	ID 2/2
			Code identifying the agency assigning the code values			
			TI	Telecommunications Industry		
	PID04	751	Product Descrip	otion Code	X	AN 1/12
			A code from an in product characte	ndustry code list which provides specific ristic	data	about a
			. AH	Coordinated Hot Cut		
			AO	Agency Authorization Status		
			BI	Final Bill Information Indicator		
			CONVIND	Conversion Indicator		
	PID07	822	Source Subqua	lifier	0	AN 1/15

A reference that indicates the table or text maintained by the Source

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code O 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

Segment: **N9** Reference Identification

Position: 2850

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

Notes: N9*H7*ORI*LSR****2W>MANUAL IND(LSR-108a)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
N/I	<u>Attributes</u>	420	Deference Identification Qualifier	N/I	ID 2/2
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion S	Set or as
	N903	369	Free-form Description	X	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	n nur	mbers as
M	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion S	Set or as
			MANUAL IND (LSR-108a) = Manual Indicator		

Segment: MTX Text

Position: 2900

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(LSR-108)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment: **N9** Reference Identification

Position: 2850

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

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*EU****2W>MANUAL IND(EU-63a)

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

Segment: MTX Text

Position: 2900

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(EU-63)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (EU-63) = Remarks

Segment: **N9** Reference Identification

Position: 2850

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

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*DRS****2W>MANUAL IND(DRS-31a)

	Ref.	Data	·		
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion S	Set or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
			"DRS"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificatio specified by the Reference Qualifier	n nui	mbers as
M	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion S	Set or as
			MANUAL IND (DRS-31a) = Manual Indicator		

Segment: MTX Text

Position: 2900

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(DRS-31)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (DRS-31) = Remarks

Segment: N1 Name

Position: 3000

Loop: N1 Optional

Level: Heading Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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*78*CCNA(LSR-1)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual 78 Service Requester N102 93 Name AN 1/60

Free-form name

CCNA (LSR-1) = Customer Carrier Name Abbreviation

PER Administrative Communications Contact Segment:

Position: 3500

> Loop: N1 Optional

Level: Heading Optional Usage: Max Use:

Purpose: To identify a person or office to whom administrative communications

should be directed

If either PER03 or PER04 is present, then the other is required. 1 **Syntax Notes:**

If either PER05 or PER06 is present, then the other is required. 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) PER*AL*ALT IMPCON(LSR-94)*TE*TEL NO(LSR-95)*BN*PAGER(LSR-96)

Data Element Summary Ref. Data **Element Name** Des. **Attributes** М PER01 366 **Contact Function Code** ID 2/2 Code identifying the major duty or responsibility of the person or group named AG Agent Alternate Contact ALPerson to be contacted when the main contact is not available CN General Contact PER02 93 AN 1/60 Name Free-form name INIT (LSR-81) = Initiator Identification IMPCON (LSR-91) = Implementation Contact ALT IMPCON (LSR-94) = Alternate Implementation Contact **Communication Number Qualifier** PER03 365 Χ ID 2/2 Code identifying the type of communication number

Telephone

PER04 364 **Communication Number** Χ AN 1/256

Complete communications number including country or area code when

applicable

TEL NO (LSR-82) = Telephone Number TEL NO (LSR-92) = Telephone Number TEL NO (LSR-95) = Telephone Number

PER05 365 **Communication Number Qualifier** Χ ID 2/2

Code identifying the type of communication number

BN Beeper Number Facsimile

PER06 364 **Communication Number** X AN 1/256

Complete communications number including country or area code when

applicable

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

Segment: N1 Name

Position: 3000

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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*AN*AUTHNM(LSR-37)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual ΑN Authorized From A geographic location designated as an authorized pick-up or origin point for a shipment N102 93 Name Χ AN 1/60

Free-form name

AUTHNM (LSR-37) = Authorization Name

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.

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)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** N101 98 ID 2/3 Code identifying an organizational entity, a physical location, property or an individual X1 Mail to An address to which a specified item is to be mailed N102 93 Name AN 1/60 Χ

Free-form name

BILLNM (EU-43) = Bill Name

Segment: N2 Additional Name Information

Position: 3100

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify additional names

Syntax Notes: Semantic Notes:

Comments:

Notes: N2*SBILLNM(EU-44)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

M N201 93 Name M AN 1/60

Free-form name

SBILLNM (EU-44) = Secondary Bill Name

Segment: N4 Geographic Location

Position: 3300

Loop: N1 Optional

Level: Heading 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.

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:

N403

116

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-49)*ZIP(EU-50)

Data Element Summary

Ref. Data
Des. Element Name

Attributes
N402 156 State or Province Code X ID 2/2

Code (Standard State/Province) as defined by appropriate government agency

STATE (EU-49) = State/Province

Postal Code O ID 3/15

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP (EU-50) = ZIP/Postal Code

Segment: NX2 Location ID Component

Position: 3350

Loop: N1 Optional

Level: Heading
Usage: Optional
Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes:

Comments:

Notes: NX2*01*SANO(EU-45b)

NX2*02*SASN(EU-45e) NX2*03*SASD(EU-45d) NX2*07*CITY(EU-48) NX2*32*FLOOR(EU-46)

NX2*35*ROOM/MAIL STOP(EU-47)

NX2*40*SASS(EU-45g) NX2*59*SAPR(EU-45a) NX2*61*SASF(EU-45c) NX2*62*SATH(EU-45f)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	NX201	1106	Address	Component Qualifier	М	ID 2/2
			Code qua	ifying 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	J	
			35	Room		
				A walled room or partitioned area of	a buil	ding
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		

M NX202 166 Address Information M AN 1/55

Address information

62

SANO (EU-45b) = Service Address Number SASN (EU-45e) = Service Address Street Name

SASD (EU-45d) = Service Address Street Directional Prefix

Street Name Suffix

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

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

9 If either 5120 or 5121 is present, then the other

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-44a)

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

Segment: POC Line Item Change - End User Form (Location and Access

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
If either POC22 or POC23 is present, then the other is required.
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*EU_SA [POC Loop may repeat]

	Ref.	Data			
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a tr	
			"n" = nth assigned ID within POC loop		
M	POC02	670	Change or Response Type Code	М	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresport the original purchase order with the vain the Purchase Order Change Transa	alues	contained
	POC08	235	Product/Service ID Qualifier	X	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	X	AN 1/48
			Identifying number for a product or service		
			"EU_SA"		

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*OP*WSOP(EU-31)*TN*WSOP TEL NO(EU-31a)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service on Premises OP Working Service on Premises	ice	
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service WSOP (EU-31) = Working Service on Premises		
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics TN Telephone Number	ice	
	SI05	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			WSOP TEL NO (EU-31a) = Working Service on Premises Number	Tel	ephone

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.

5 If PID09 is present, then PID05 is required.

Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list

being referred to.

2 PID04 should be used for industry-specific product description

codes.

3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer

being described in the segment.

PID07 specifies the individual code list of the agency specified in

PID03.

Notes: PID*S**TI*ANV***SO-RSQ*ANV(EU-8a)

			Data Licinciit (Janiniai y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	PID01	349	Item Description	Туре	М	ID 1/1
			Code indicating the	e format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifier	Code	X	ID 2/2
			Code identifying the agency assigning the code values			
			TI	Telecommunications Industry		
	PID04	751	Product Descripti	on Code	X	AN 1/12
			A code from an inc product characteris ANV	dustry code list which provides specific stic Address Not Valid Indicator	data	about a
	PID07	822	Source Subquali	fier	0	AN 1/15
			A reference that in Qualifier	dicates the table or text maintained by	the S	Source
			SO-RSQ	Service Order - Reseller Questions lis	st	
	PID08	1073	Yes/No Condition	or Response Code	0	ID 1/1
			Code indicating a `	Yes or No condition or response		
			ANV (EU-8a) = Ad	dress Not Validated Indicator		

Segment: REF Reference Identification

Position: 1000

Loop: POC Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*LOCNUM(EU-7)*LOCNUM

			Data Element Gammary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	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	ion S	Set or as
			LOCNUM (EU-7) = Location Number		
	REF03	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data elements content	s and	d their
			"LOCNUM"		

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.

"EU"

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*L1*ACC*EU

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier ACC Access Instructions	ction	Set or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		

MTX Text Segment:

Position: 3260

> N9 Optional Loop:

Level: Detail Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required. If MTX05 is present, then MTX04 is required.

Semantic Notes: MTX05 is the number of lines to advance before printing. 1

Comments: If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

MTX**ACC(EU-30) Notes:

Data Element Summary

Ref. Data

Element Name Des.

Attributes

MTX02 1551 **Message Text** Χ AN 1/4096

To transmit large volumes of message text

ACC (EU-30) = Access Information

Segment: N1 Name

Position: 3400

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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*IT*NAME(EU-8)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual IT Installation on Site N102 93 Name AN 1/60

Free-form name

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.

x Notes:1 Only one of N402 or N407 may be present.2 If N406 is present, then N405 is required.

3 If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**STATE(EU-25)*ZIP(EU-26)**RJ*CALA(EU-26a)

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
N402	156	State or Province Code	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate agency	gov	ernment
		STATE (EU-25) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding publanks (zip code for United States)	nctu	ation and
		ZIP (EU-26) = ZIP/Postal Code		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		RJ Region		
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		
		CALA (EU-26a) = Customer Address Location Area		

Segment: NX2 Location ID Component

Position: 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*SANO(EU-11)

NX2*02*SASN(EU-14) NX2*03*SASD(EU-13) NX2*05*BOX(EU-23c) NX2*06*ROUTE(EU-23b) NX2*07*CITY(EU-24) NX2*39*AHN(EU-23a) NX2*40*SASS(EU-16) NX2*59*SAPR(EU-10) NX2*61*SASF(EU-12) NX2*62*SATH(EU-15)

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

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element Name</u>

Attributes

M NX201 1106 Address Component Qualifier M

Code qualifying the type of address component

LD1(EU-17) = Location Designator 1 13=(DWS: APT) 34=(DWS: LOT) 35=(DWS: RM) 36=(DWS: SLIP) 37=(DWS: UNIT) 14=(DWS: SUIT)

LD2(EU-19) = Location Designator 2

32=(DWS: FLR)

LD3(EU-21) = Location Designator 3

12=(DWS : BLDG) 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

O7 City Name12 Building Name

ID 2/2

14				13	Apartment Number
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 M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-13) = Box Number				14	Suite Number
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 M NX202 166 Address Information SANO (EU-11) = Service Address Number SASD (EU-11) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number				30	Pier
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 M NX202 166 Address Information NAM 1/55 Address Information SANO (EU-11) = Service Address Number SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					The pier at which a ship or boat is docked
34				32	Floor
A particular lot or piece of land 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 M NX202 166 Address Information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					A particular floor or level of a building
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 M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASD (EU-13) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number				34	Lot
A walled room or partitioned area of a building Slip The slip or location on a pier at which a ship or boat is docked 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 M NX202 166 Address Information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					A particular lot or piece of land
The slip or location on a pier at which a ship or boat is docked Unit A unit or separate structure Unstructured Property 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier M NX202 166 Address Information SANO (EU-11) = Service Address Number SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number				35	Room
The slip or location on a pier at which a ship or boat is docked 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 M NX202 166 Address Information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					A walled room or partitioned area of a building
Sample S				36	Slip
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 M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					·
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 M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number				27	
39 Unstructured Property 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number				31	
40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number				20	•
59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					·
61 Street Number Fraction 62 Street Name Suffix 63 Secondary Unit Identifier M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					
62 Street Name Suffix 63 Secondary Unit Identifier M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					
M NX202 166 Address Information M AN 1/55 Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number				_	
M NX202 166 Address Information Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					
Address information SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number	м	NY202	166		•
SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number	IVI	INAZUZ	100		
SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					
SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number					
				` '	
ROUTE (FLI-23h) = Route				` ,	
· · · · · · · ·				•	
CITY (EU-24) = City AHN (EU-23a) = Assigned House Number				,	•
SASS (EU-16) = Service Address Street Directional Suffix				,	•
SAPR (EU-10) = Service Address Number Prefix				,	
SASF (EU-12) = Service Address Number Suffix				` ,	
SATH (EU-15) = Service Address Street Type				,	

LV1 (EU-18) = Location Value 1 LV2 (EU-20) = Location Value 2 LV3 (EU-22) = Location Value 3 Segment: PER Administrative Communications Contact

Position: 3900

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use: 3

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.

If either PER05 or PER06 is present, then the other is required.
If either PER07 or PER08 is present, then the other is required.

Semantic Notes: Comments:

Notes: PER*CA*LCON(EU-27)*TE*TEL NO(EU-28)

			Data Licincia Gammary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the named	oerson	or group
			CA Customer Contact Granting Appoin	tment	
	PER02	93	Name	0	AN 1/60
			Free-form name		
			LCON (EU-27) = Local Contact		
	PER03	365	Communication Number Qualifier	Х	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	Communication Number	X	AN 1/256
			Complete communications number including country o applicable	area d	code when
			TEL NO (EU-28) = Telephone Number		

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or 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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-9)

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

Name Segment:

3400 Position:

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1

providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

N105 and N106 further define the type of entity in N101.

N1*ZE*CPE MFR(EU-32) Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual ZΕ End Item Manufacturer Manufacturer of the end item associated with the

required material

X AN 1/60 N102 93 Name

Free-form name

CPE MFR (EU-32) = Customer Premises Equipment Manufacturer

Segment: REF Reference Identification

Position: 3800

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*MJ*CPE MOD(EU-33)

Data Element Summary

Data Ref. **Element Name** Des. **Attributes** М REF01 128 **Reference Identification Qualifier** ID 2/3 М Code qualifying the Reference Identification MJ Model Number REF02 127 **Reference Identification** Χ AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

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

Segment: POC 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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
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.

1 POC01 is the purchase order line item identification.

Semantic Notes: Comments: Notes:

POC*n*RZ*****ZZ*EU DISC [POC Loop may repeat]

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

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*ND*DISC NBR(EU-55)

SI*TI*T6*TC OPT(EU-57)

	Ref. Des.	Data Element	Name	•			
	Attributes	Liomonic	<u>itamo</u>				
M	SI01	559	Agency Quali	fier Code	М	ID 2/2	
			Code identifyin	g the agency assigning the code values			
			TI	Telecommunications Industry			
M	SI02	1000	Service Chara	acteristics Qualifier	М	AN 2/2	
			Code from an i	code from an industry code list qualifying the type of servi			
			ND	Disconnect Number			
			T6	Transfer of Calls Options			
M	SI03	234	Product/Servi	ice ID	М	AN 1/48	
			Identifying num	ber for a product or service			
			,	J-55) = Disconnect Telephone Number 7) = Transfer of Call Options			

Segment: REF Reference Identification

Position: 1000

Loop: POC Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*DNUM(EU-54)*DNUM

			Data Liement Guilliary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion S	Set or as
			DNUM (EU-54) = Disconnect Line Number		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data element content	its and	d their
			"DNUM"		

Segment: DTM Date/Time Reference

Position: 2000

Loop: POC Optional

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DTM*376*TC PER{CCYYMMDD}(EU-62)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

M DTM01 374 Date/Time Qualifier M ID 3/3

Code specifying type of date or time, or both date and time

376 Delivery End

The date that deliveries will end

DTM02 373 Date X DT 8/8

Date expressed as CCYYMMDD

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

Segment: SLN Subline Item Detail

Position: 4600

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.

2 If SLN07 is present, then SLN06 is required.3 If SLN08 is present, then SLN06 is required.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
If either SLN23 or SLN24 is present, then the other is required.

12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: SLN*TCPRI*n*A*1*EA

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

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

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO PRI(EU-58)

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

Name Segment:

Position: 5360

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1

providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

Free-form name

N105 and N106 further define the type of entity in N101.

N1*TT*TC NAME(EU-58b) Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** N101 98 ID 2/3 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name AN 1/60

TC NAME (EU-58b) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5700

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*55*TCID(EU-58a)*PRI

	Ref. <u>Des.</u> Attributes	Data Element	<u>Name</u>	·				
M	REF01	128	Reference Ide	ntification Qualifier	M	ID 2/3		
			Code qualifying	the Reference Identification				
			55	Sequence Number				
	REF02	127	Reference Ide	Reference Identification				
			specified by the	Reference information as defined for a particular Transact specified by the Reference Identification Qualifier				
			TCID (EU-58a) :	= Transfer of Calls to Identifier				
	REF03	352	Description		X	AN 1/80		
			A free-form des content "PRI"	cription to clarify the related data element	s and	d their		

Segment: SLN Subline Item Detail

Position: 4600

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify product subline detail item data

Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.

2 If SLN07 is present, then SLN06 is required.3 If SLN08 is present, then SLN06 is required.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.

6 If either SLN13 or SLN14 is present, then the other is required.

If either SLN15 or SLN16 is present, then the other is required.If either SLN17 or SLN18 is present, then the other is required.

If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.

11 If either SLN23 or SLN24 is present, then the other is required.12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
M	SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

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

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or 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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO SEC(EU-59)

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

Segment: N1 Name

Position: 5360

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** N101 98 ID 2/3 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name 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 specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*55*TCID(EU-60)*SEC

	Ref. <u>Des.</u> Attributes	Data Element	<u>Name</u>		
M	REF01	128	Reference Identification Qualifier	M ID 2/3	
			Code qualifying the Reference Identific	ation	
			55 Sequence Number		
	REF02	127	Reference Identification	X AN 1/3	0
			Reference information as defined for a specified by the Reference Identification TCID (EU-60) = Transfer of Calls to Ide	n Qualifier	
	REF03	352	Description A free-form description to clarify the re content "SEC"	X AN 1/8 lated data elements and their	0

Segment: POC Line Item Change - DRS Form (DID Resale Service

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
If either POC22 or POC23 is present, then the other is required.
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.
1 POC01 is the purchase order line item identification.

Semantic Notes: Comments:

Notes: POC*n*RZ******ZZ*DRS [POC Loop may repeat]

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	Attributes POC01	350	Assigned Identification	0	AN 1/20
	F0001	330	Alphanumeric characters assigned for differentiation within set	•	
			"n" = nth assigned ID within POC loop		
M	POC02	670	Change or Response Type Code	M	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	X	ID 2/2
			Code identifying the type/source of the descriptive numbe Product/Service ID (234) ZZ Mutually Defined	r use	ed in
	POC09	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			"DRS"		

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*CM*CKR(DRS-10)

SI*TI*SA*DTKACT(DRS-17) SI*TI*TH*DTGN(DRS-19) SI*TI*RI*DRTI(DRS-20) SI*TI*TQ*DTLI(DRS-21) SI*TI*TK*DTKID(DRS-22) SI*TI*DD*DGOUT(DRS-23) SI*TI*PE*DPULSE(DRS-24) SI*TI*TS*DSGNL(DRS-25)

Data Element Summary

	Ref.	Data		·		
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	stry code list qualifying the type of serv	ice	
			CM	Local Service Providers Circuit Number	er	
			DD	Digits Outpulsed		
			PE	Pulse Type		
			RI	Route Index		
			SA	Service Activity		
			TH	Trunk Group Number		
			TK	Trunk Number/Identification		
			TQ	Telephone Line Identifier		
			TS	Type of Signaling		
M	SI03	234	Product/Service	ID	M	AN 1/48

Identifying number for a product or service

CKR (DRS-10) = Customer Circuit Reference DTKACT (DRS-17) = DID Trunk Activity DTGN (DRS-19) = Trunk Group Number
DRTI (DRS-20) = DID Route Index Number
DTLI (DRS-21) = DID Telephone Line Identifier
DTKID (DRS-22) = DID Trunk ID
DGOUT (DRS-23) = DID Digits Out
DPULSE (DRS-24) = DID Type of Pulsing
DSGNL (DRS-25) = DID Signaling

Segment: REF Reference Identification

Position: 1000

Loop: POC Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*DIDNUM(DRS-8)*DIDNUM

	Ref. <u>Des.</u> Attributes	Data Element	<u>Name</u>			
M	REF01	128	Reference Identification Qualifier	M	ID 2/3	
			Code qualifying the Reference Identification			
			IX Item Number			
	REF02	127	Reference Identification	X	AN 1/30	
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DIDNUM (DRS-8) = DID Reference Number			
	REF03	352	Description A free-form description to clarify the related data element content "DIDNUM"	X s and	AN 1/80 d their	

Position: 2930

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

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*FJ*DTK(DRS-18)*EA

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
M	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			FJ Trunked Channels		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DTK (DRS-18) = DID Trunk Quantity		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures A examples of use)	ppend	ix for
M	C00101	355	Unit or Basis for Measurement Code	M	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: SLN Subline Item Detail

Position: 4600

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.

2 If SLN07 is present, then SLN06 is required.3 If SLN08 is present, then SLN06 is required.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.

11 If either SLN23 or SLN24 is present, then the other is required.12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: SLN*DTNR*n*A*1*EA [SLN Loop may repeat]

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
M	SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation within	n a t	ransaction
			set		
			"DTNR"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	SLN04 380	Quantity	X	R 1/15
			Numeric value of quantity		

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

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*DTNRACT(DRS-11)

SI*TI*T9*DTNR(DRS-13)

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
М	SI01	559	Agency Quali	fier Code	М	ID 2/2
			Code identifyin	g the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Chara	acteristics Qualifier	М	AN 2/2
			Code from an i characteristics	ndustry code list qualifying the type of serv	/ice	
			SA	Service Activity		
			T9	DID Telephone Number Range		
M	SI03	234	Product/Servi	ice ID	М	AN 1/48
			Identifying num	ber for a product or service		
			•	S-11) = DID Telephone Number Activity 3) = DID Telephone Number Range		

Position: 5190

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*FL*DTNRQ(DRS-12)*EA

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	Attributes				
M	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			FL Units		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DTNRQ (DRS-12) = DID Telephone Number Quantity		
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Apexamples of use)	pend	lix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed,	or

Position: 5190

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*20*DSTNQ(DRS-15)*EA

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		
NA.	Attributes	670	Overetite Overlities	B.4	ID 0/0
М	QTY01	673	Quantity Qualifier	M	ID 2/2
			Code specifying the type of quantity		
			20 Unusable Quantity		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DSTNQ (DRS-15) = Disassociated Telephone Number Qu	uantit	:У
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Appexamples of use)	pend	ix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	sed,	or

Position: 5190

Loop: QTY Optional

Data

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:

Ref.

Notes: QTY*JA**EA*DSTN [QTY Loop repeats DSTNQ(DRS-15) times]

Data Element Summary

Element Name Des. **Attributes** М QTY01 673 ID 2/2 **Quantity Qualifier** М Code specifying the type of quantity JΑ **Activity Codes** Number of activity codes assigned to company's activities **Composite Unit of Measure** QTY03 C001 To identify a composite unit of measure (See Figures Appendix for 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 expressed, or manner in which a measurement has been taken EΑ Each

QTY04 61 Free-Form Message X AN 1/30

Free-form information

"DSTN"

Segment: SI Service Characteristic Identification

Position: 5210

Loop: QTY 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*DSTNACT(DRS-14)

SI*TI*DY*DSTN(DRS-16)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	·		
M	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	e agency assigning the code values		
			Π	Telecommunications Industry		
M	SI02	1000	Service Characte	ristics Qualifier	М	AN 2/2
			characteristics	stry code list qualifying the type of serv	ice	
			DY	Disassociated Telephone Number		
			SA	Service Activity		
M	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying number	for a product or service		
			•	4) = Disassociated Telephone Number Disassociated Telephone Number	Activ	vity

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
If either POC22 or POC23 is present, then the other is required.

11 If either POC24 or POC25 is present, then the other is required.12 If either POC26 or POC27 is present, then the other is required.

Semantic Notes: Comments:

Notes:

1 POC01 is the purchase order line item identification.

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

	Ref.	Data					
	Des.	Element	<u>Name</u>				
	<u>Attributes</u>						
	POC01	350	Assigned Identification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation wit set	:hin a t	ransaction		
			"n" = nth assigned ID within POC loop				
M	POC02	670	Change or Response Type Code	M	ID 2/2		
			Code specifying the type of change to the line item				
			RZ Replace All Values				
			Receiver should replace the corresp the original purchase order with the in the Purchase Order Change Tran	values	contained		
	POC08	235	Product/Service ID Qualifier	X	ID 2/2		
			Code identifying the type/source of the descriptive numl Product/Service ID (234) ZZ Mutually Defined	oer use	ed in		
	POC09	234	Product/Service ID	X	AN 1/48		
			Identifying number for a product or service				
			"DA"				

Segment: SI Service Characteristic Identification

Position: 0180

Loop: POC Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AD*DACT(DL-81)

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

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 Element Summary

	Ref. Des.	Data <u>Element</u>	<u>Name</u>			
М	Attributes QTY01	673	Quantity Qualifier	M	ID 2/2	
			Code specifying the type of quantity			
			31 Additional Demand Quantity			
	QTY02	380	Quantity	X	R 1/15	
			Numeric value of quantity			
			DIRQTYA (DL-103) = Number of Directories for Annual De	eliver	У	
	QTY03	C001	Composite Unit of Measure	0		
			To identify a composite unit of measure (See Figures Apexamples of use)	pend	lix for	
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	
			Code specifying the units in which a value is being expre manner in which a measurement has been taken DY Directory Books	ssed,	or	

Number of directory books delivered to customer

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.

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>	Name		
M	QTY01	673	Quantity Qualifier	M	ID 2/2
			Code specifying the type of quantity		
			38 Original Quantity		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DIRQTYNC (DL-104) = Number of Directories Delivered or Connect	n Nev	N
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	lix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2

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

manner in which a measurement has been taken

DY Directory Books

Number of directory books delivered to customer

Segment: N1 Name

Position: 3400

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual DA **Delivery Address** N102 93 Name AN 1/60

Free-form name

"DELNAME"

N4 Geographic Location Segment:

Position: 3700

> Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify the geographic place of the named party

Syntax Notes: Only one of N402 or N407 may be present. 1 If N406 is present, then N405 is required.

If N407 is present, then N404 is required.

Semantic Notes:

A combination of either N401 through N404, or N405 and N406 may Comments:

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

N4**STATE(DL-99)*ZIP(DL-100) Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** N402 156 Χ ID 2/2 **State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (DL-99) = State/Province N403 116

ID 3/15 **Postal Code**

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP (DL-100) = ZIP/Postal Code

Segment: NX2 Location ID Component

Position: 3750

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

Ref.

Notes: NX2*01*DDANO(DL-85)

Data

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

Data Element Summary

	Des.	<u>Element</u>	<u>Name</u>			
M	Attributes NX201	1106	Address C	omponent Qualifier	М	ID 2/2
			Code qualify	ying the 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		
M	NX202	166	Address In	formation	М	AN 1/55

Address information

DDANO (DL-85) = Delivery Address Number DDASN (DL-88) = Delivery Address Street Name

DDASD (DL-87) = Delivery Address Street Directional Prefix

CITY (DL-98) = City

DDALO (DL-90a) = Delivery Address Location

DDASS (DL-90) = Delivery Address Street Directional Suffix

DDAPR (DL-84) = Delivery Address Number Prefix DDASF (DL-86) = Delivery Address Number Suffix DDATH (DL-89) = Delivery Address Street Type

Segment:	PU	Line Item Chan	ge - DL Form (Service Details S	ection)	
Position: Loop: Level: Usage: Max Use:	0100 POC Detail Optional 1	Optional	·	·	
Purpose:		ify changes to a line	item		
Syntax Notes:	2 If PO3 If eit4 If eit5 If eit	OC07 is present, the ther POC08 or POCo ther POC10 or POCo ther POC12 or POC	n both POC04 and POC05 are req n POC06 is required. 09 is present, then the other is requ 11 is present, then the other is requ 13 is present, then the other is requ 15 is present, then the other is requ	uired. uired. uired.	
	7 If eit	ther POC16 or POC	17 is present, then the other is requ	uired.	
			19 is present, then the other is requ		
			21 is present, then the other is requ 23 is present, then the other is requ		
	11 If eit	her POC24 or POC2	25 is present, then the other is requ	uired.	
Semantic Notes:			27 is present, then the other is requertion order line item identification.	uired.	
Comments:	1 100	Do i is the purchase	order line item identification.		
Notes:	POC*n*f	RZ*****ZZ*DL*SH*R	TY(DL-12) [POC Loop may repeat	t]	
Dof		Data Element Sun	nmary		
Ref. <u>Des.</u>	Data <u>Element</u>	Name			
<u>Attributes</u>		<u>rtumo</u>			
POC01	350	Assigned Identific		0	AN 1/20
		Alphanumaria ahar			
		•	acters assigned for differentiation v	within a t	ransaction
		set	_	within a t	ransaction
M POC02	670	set	ID within POC loop	within a t	ID 2/2
M POC02	670	set "n" = nth assigned Change or Respo	ID within POC loop		
M POC02	670	set "n" = nth assigned Change or Respo	ID within POC loop nse Type Code		
M POC02	670	set "n" = nth assigned Change or Respo Code specifying th	ID within POC loop nse Type Code e type of change to the line item	M sponding ne values	ID 2/2 y values in contained
M POC02	670 235	set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service	ID within POC loop nse Type Code e type of change to the line item Replace All Values Receiver should replace the correthe original purchase order with the in the Purchase Order Change Transport ID Qualifier	M sponding ne values ansaction X	J values in contained n Set
		set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID	ID within POC loop nse Type Code e type of change to the line item Replace All Values Receiver should replace the correthe original purchase order with the in the Purchase Order Change Trulp Qualifier e type/source of the descriptive nur(234)	M sponding ne values ansaction X	J values in contained n Set
POC08	235	set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID ZZ	ID within POC loop nse Type Code e type of change to the line item Replace All Values Receiver should replace the corre the original purchase order with the in the Purchase Order Change Tra ID Qualifier e type/source of the descriptive nu (234) Mutually Defined	M sponding ne values ansaction X	J values in contained n Set JD 2/2 ed in
		set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID ZZ Product/Service	ID within POC loop nse Type Code e type of change to the line item Replace All Values Receiver should replace the corre the original purchase order with the in the Purchase Order Change Tra ID Qualifier e type/source of the descriptive nu (234) Mutually Defined	M sponding ne values ansactior X mber use	J values in scontained in Set
POC09	235 234	set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID ZZ Product/Service Identifying number "DL"	ID within POC loop Inse Type Code Inse type of change to the line item Replace All Values Receiver should replace the correct the original purchase order with the in the Purchase Order Change Trulo Qualifier ID Qualifier In type/source of the descriptive number (234) Mutually Defined ID In the product or service	sponding ne values ansaction X mber use	JD 2/2 y values in contained in Set JD 2/2 ed in AN 1/48
POC08	235	set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID ZZ Product/Service Identifying number "DL" Product/Service	ID within POC loop nse Type Code e type of change to the line item Replace All Values Receiver should replace the correthe original purchase order with the inthe Purchase Order Change Transition ID Qualifier e type/source of the descriptive number (234) Mutually Defined ID for a product or service	sponding ne values ansaction X mber use X	y values in scontained in Set ID 2/2 and in AN 1/48
POC09	235 234	set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID ZZ Product/Service Identifying number "DL" Product/Service	ID within POC loop Inse Type Code Inse type of change to the line item Replace All Values Receiver should replace the correct the original purchase order with the inthe Purchase Order Change Trulo Qualifier ID Qualifier In type/source of the descriptive number of the product or service ID Qualifier	sponding ne values ansaction X mber use X	JD 2/2 g values in a contained in Set ID 2/2 and in ID 2/2 and I
POC09	235 234	set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID ZZ Product/Service Identifying number "DL" Product/Service Code identifying th Product/Service ID	ID within POC loop Inse Type Code Inse type of change to the line item Replace All Values Receiver should replace the correct the original purchase order with the interest of the Purchase Order Change True type/source of the descriptive number of the descriptive number of the product or service ID Qualifier	sponding ne values ansaction X mber use X	JD 2/2 g values in a contained in Set ID 2/2 and in ID 2/2 and I
POC09	235 234	set "n" = nth assigned Change or Respo Code specifying th RZ Product/Service Code identifying th Product/Service ID ZZ Product/Service Identifying number "DL" Product/Service Code identifying th Product/Service ID	ID within POC loop Inse Type Code Inse type of change to the line item Replace All Values Receiver should replace the correct the original purchase order with the inthe Purchase Order Change Trulo Qualifier In Experimental type of the descriptive number of the descriptive number of the product or service ID Qualifier	sponding ne values ansaction X mber use X	JD 2/2 g values in a contained in Set ID 2/2 and in ID 2/2 and I

Updated: January 21, 2002

	_	CI.				
	Segment:		rvice Charac	cteristic Identification		
	Position:	0180				
	Loop:	POC	Optional			
	Level: Usage:	Detail Optional				
	Max Use:	>1				
	Purpose:		fv service cha	aracteristic data		
	Syntax Notes:			\$105 is present, then the other is required.		
	•			3107 is present, then the other is required.		
		3 If eit	her SI08 or S	109 is present, then the other is required.		
				II11 is present, then the other is required.		
				S113 is present, then the other is required.		
				S115 is present, then the other is required.		
				I17 is present, then the other is required. I19 is present, then the other is required.		
				SI21 is present, then the other is required.		
9	Semantic Notes:	- 11 OIL	5120 01 0			
	Comments:	1 SI01	defines the s	source for each of the service characteristics		
		qual	ifiers.			
	Notes:		*LACT(DL-10)			
			*LTY(DL-13)	_,		
			/*STYC(DL-15	•		
			*TOA(DL-16)			
			6*DOI(DL-17) I*DIRNAME(D	N -34)		
)*BRO(DL-28)	·		
			Data Elemer			
				it Suillilary		
	Ref.	Data	- u.u	it Summary		
	Des.	_		it Summary		
3.5	<u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			ID 0/0
М	Des.	Data	Name Agency Qu	alifier Code	М	ID 2/2
M	<u>Des.</u> Attributes	Data <u>Element</u>	Name Agency Qu Code identify	valifier Code Tying the agency assigning the code values	М	ID 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify	valifier Code Tying the agency assigning the code values Telecommunications Industry		
M	<u>Des.</u> Attributes	Data <u>Element</u>	Name Agency Qu Code identify TI Service Cha	ralifier Code Tying the agency assigning the code values Telecommunications Industry Talecommunications Industry	M	ID 2/2 AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Cha	ralifier Code Tying the agency assigning the code values Telecommunications Industry Talecteristics Qualifier Telecommunications Industry Telecommunications Industry Telecommunications Industry	M	
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Cha Code from a characteristi	valifier Code Tying the agency assigning the code values Telecommunications Industry Telecommunicati	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Cha Code from a characteristi BO	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Cha Code from a characteristi BO BR	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of servics Business/Residence Placement Over Directory Listings Type of Account	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Cha Code from a characteristi BO BR DG	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Cha Code from a characteristi BO BR DG DN	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of servics Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Characteristic BO BR DG DN LB	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator	M vice	
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Characteristi BO BR DG DN LB LE	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type	M vice	
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	Data <u>Element</u> 559 1000	Name Agency Qu Code identify TI Service Characteristic BO BR DG DN LB LE TW	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of servics Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	M vice ride	AN 2/2
	<u>Des.</u> <u>Attributes</u> SI01	Data Element 559	Name Agency Qu Code identify TI Service Characteristic BO BR DG DN LB LE TW Product/Se	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code	M vice	
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	Data <u>Element</u> 559 1000	Name Agency Qu Code identify TI Service Characteristi BO BR DG DN LB LE TW Product/Se Identifying no	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code ervice ID umber for a product or service	M vice ride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	Data <u>Element</u> 559 1000	Name Agency Qu Code identify TI Service Characteristic BO BR DG DN LB LE TW Product/Se Identifying not	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code ervice ID umber for a product or service 0) = Listing Activity Indicator	M vice ride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	Data <u>Element</u> 559 1000	Name Agency Qu Code identify TI Service Characteristic BO BR DG DN LB LE TW Product/Se Identifying not LACT (DL-10 LTY (DL-13)	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of service Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code ervice ID umber for a product or service 0) = Listing Activity Indicator = Listing Type	M vice ride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	Data <u>Element</u> 559 1000	Name Agency Qu Code identify TI Service Characteristi BO BR DG DN LB LE TW Product/Se Identifying not LACT (DL-10 LTY (DL-13) STYC (DL-15	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code ervice ID umber for a product or service 0) = Listing Activity Indicator = Listing Type 5) = Style Code	M vice ride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	Data <u>Element</u> 559 1000	Name Agency Qu Code identify TI Service Characteristic BO BR DG DN LB LE TW Product/Se Identifying no LACT (DL-10 LTY (DL-13) STYC (DL-16)	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code ervice ID umber for a product or service 0) = Listing Type 5) = Style Code) = Type of Account	M vice ride	AN 2/2
M	<u>Des.</u> <u>Attributes</u> SI01 SI02	Data <u>Element</u> 559 1000	Name Agency Qu Code identify TI Service Characteristic BO BR DG DN LB LE TW Product/Se Identifying not LACT (DL-10 LTY (DL-13) STYC (DL-15 DOI (DL-17)	ralifier Code Tying the agency assigning the code values Telecommunications Industry aracteristics Qualifier an industry code list qualifying the type of services Business/Residence Placement Over Directory Listings Type of Account Degree of Indent Directory Book Name Listing Activity Indicator Listing Type Style Code ervice ID umber for a product or service 0) = Listing Activity Indicator = Listing Type 5) = Style Code	M vice ride	AN 2/2

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To describe a product or process in coded or free-form format

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.
If PID09 is present, then PID05 is required.

Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list

being referred to.

2 PID04 should be used for industry-specific product description

codes.

PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer

being described in the segment.

3 PID07 specifies the individual code list of the agency specified in

PID03.

Notes: PID*S**TI*AR***SO-RSQ*OMTN(DL-41)

ΑT

AW

PID*S**TI*AS***SO-RSQ*LNPL(DL-44) PID*S**TI*AT***SO-RSQ*ADI(DL-61) PID*S**TI*AW***SO-RSQ*DML(DL-25) PID*S**TI*AX***SO-RSQ*NOSL(DL-26) PID*S**TI*AY***SO-RSQ*TMKT(DL-27) PID*S**TI*BA***SO-RSQ*PROF(DL-32)

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	·		
M	PID01	349	Item Descr	iption Type	M	ID 1/1
			Code indica	ting the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qu	alifier Code	X	ID 2/2
			Code identif	ying the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product De	scription Code	X	AN 1/12
			A code from product cha	n an industry code list which provides specific racteristic	data	about a
			AR	Omit Telephone Number		
			AS	Listed Name Placement		

Address Indicator

Direct Mail List

AX No Solicitation Indicator

AY Telemarketing

BA Professional Identifier

PID07 822 Source Subqualifier

O AN 1/15

A reference that indicates the table or text maintained by the Source

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code

O ID 1/1

Code indicating a Yes or No condition or response

OMTN (DL-41) = Omit TN Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

LNPL (DL-44) = Letter Name Placement

Y=(DWS: L-Letter Placement)

Blank=(DWS: Blank-Default to Word Placement)

ADI (DL-61) = Address Indicator

Y=(DWS: O-Omit in DA and Directory)
Blank=(DWS: Blank-Do Not Omit)

DML (DL-25) = Direct Mail List

Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

TMKT (DL-27) = Telemarketing

Y=(DWS: O-Omit From Telemarketing)
Blank=(DWS: Blank-Do Not Omit)

NOSL (DL-26) = No Solicitation Indicator PROF (DL-32) = Professional Identifier

REF Reference Identification Segment:

Position: 1000

> POC Loop: Optional

Level: Detail Usage: Optional Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*LI*ALI(DL-11)

Data Element Summary

Ref. Data **Element Name** Des. **Attributes** М REF01 128 **Reference Identification Qualifier** ID 2/3 М Code qualifying the Reference Identification Line Item Identifier (Seller's) REF02 127 **Reference Identification** Χ AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

ALI (DL-11) = Alpha/Numeric Listing Identifier Code

Segment: **N9** Reference Identification

Position: 3200

Loop: N9 Optional

Level: Detail
Usage: Optional

Max Use:

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. Data

Des. Element Name

Attributes

M N901 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification

82 Data Item Description (DID) Reference

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

requirement documents

N902 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"PLA"

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.

If MTX03 is present, then MTX02 is required.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**PLA(DL-55)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

PLA (DL-55) = Place Listing As

Segment: **N9** Reference Identification

Position: 3200

Loop: N9 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

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*LTXTY*LTXTY(DL-57)

			Data Eleme	nt Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	N901	128	Reference Ide	ntification Qualifier	M	ID 2/3
			Code qualifying	the Reference Identification		
			82	Data Item Description (DID) Referen	ce	
				Specific data elements that the gove a contractor to provide and are spell requirement documents		
	N902	127	Reference Ide	ntification	X	AN 1/30
				mation as defined for a particular Transa Reference Identification Qualifier	ction	Set or as
			"LTXTY"			
	N903	369	Free-form Des	cription	X	AN 1/45
			Free-form desc	riptive text		
			LTXTY (DL-57)	= Listing Text Type		

Segment: MTX Text

Position: 3260

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX** LTEXT(DL-59)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

LTEXT (DL-59) = Line of Text

Segment: **N9** Reference Identification

Position: 3200

Loop: N9 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

Syntax Notes: 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

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

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.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS(DL-113)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (DL-113) = Remarks

Segment: N1 Name

Position: 3400

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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*DH*LISTINGS

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual DH Doing Business As N102 93 Name AN 1/60

Free-form name

"LISTINGS"

Position: 3550 Loop: N1 Optional Level: Detail Optional Usage: Max Use: >1 Purpose: To sequence individual name components for maximum specificity **Syntax Notes: Semantic Notes:** Comments: Notes: IN2*05*LNLN(DL-45) IN2*02*LNFN(DL-46)*LNFN(DL-46) IN2*21*DES(DL-47) IN2*10*TL(DL-48)*TL IN2*01*TITLE1(DL-49)*TITLE1 IN2*12*DESD(DL-50a)*DESD IN2*10*TLD(DL-51)*TLD IN2*01*TITLE1D(DL-52)*TITLE1D IN2*18*NICK(DL-54) **Data Element Summary** Ref. Data Des. **Element Name Attributes** М ID 2/2 **IN201** 1104 Name Component Qualifier М Code identifying the type of name component 01 Prefix 02 First Name 05 Last Name 10 Generation 12 Combined (Unstructured) Name 18 Preferred First Name or Nickname 21 Professional Title М **IN202** 93 Name М AN 1/60 Free-form name LNLN (DL-45) = Listed Name Last LNFN (DL-46) = Listed Name First DES (DL-47) = Designation TL (DL-48) = Title of Lineage TITLE1 (DL-49) = Title of Address 1 DESD (DL-50a) = Designation for Dual Name TLD (DL-51) = Title of Lineage for Dual Name TITLE1D (DL-52) = Title of Address 1 for Dual Name NICK (DL-54) = Nickname **IN203** 93 AN 1/60 Name 0 Free-form name LNFN (DL-46) = Listed Name First "TL"

IN2 Individual Name Structure Components

Segment:

"TITLE1"
"DESD"
"TLD"
"TITLE1D"

Segment: N4 Geographic Location

Position: 3700

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax Notes:1 Only one of N402 or N407 may be present.2 If N406 is present, then N405 is required.

3 If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**LAST(DL-71)

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element</u> <u>Name</u>

Attributes

N402 156 State or Province Code X ID 2/2

Code (Standard State/Province) as defined by appropriate government

agency

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

Segment: NX2 Location ID Component

Position: 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:

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

Data Element Summary

Ref.	Data	
Des.	Element	<u>Name</u>
<u>Attributes</u>		

М	NX201	1106	Address Component Qualifier	M ID 2/2
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Code qualifying the type of address component

Street Number
Street Name
Prefix Direction
City Name

18 Unstructured Mailing Address

40 Street Suffix59 Street Number Low

61 Street Number Fraction 62 Street Name Suffix

M NX202 166 Address Information M AN 1/55

Address information

LANO (DL-63) = Listed Address Number LASN (DL-66) = Listed Address Street Name

LASD (DL-65) = Listed Address Street Directional Prefix

LALOC (DL-70) = Listed Address Locality LALO (DL-69) = Listed Address Location

LASS (DL-68) = Listed Address Street Directional Suffix

LAPR (DL-62) = Listed Address Number Prefix LASF (DL-64) = Listed Address Number Suffix LATH (DL-67) = Listed 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TN*LTN(DL-39)

SI*TI*NS*NSTN(DL-40)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	, oa,		
M	SI01	559	Agency Qualifie	er Code	M	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Charac	teristics Qualifier	M	AN 2/2
			Code from an incoharacteristics	lustry code list qualifying the type of serv	rice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
M	SI03	234	Product/Service	e ID	M	AN 1/48
			Identifying number	er for a product or service		
			,	sted Telephone Number Non Standard Telephone Number		

Segment: CTT Transaction Totals

Position: 0100

Loop: CTT Optional

Level: Summary Usage: Optional

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction setSyntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

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 POC Segments

Data Element Summary

Ref. Data

Des. Element Name

Attributes

M CTT01 354 Number of Line Items M NO 1/6

Total number of line items in the transaction set

Segment: **SE** Transaction Set Trailer

Position: 0300

Loop:

Level: Summary Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the

transmitted segments (including the beginning (ST) and ending (SE)

segments)

Syntax Notes:

Semantic Notes: Comments:

Updated: January 21, 2002

s: 1 SE is the last segment of each transaction set.

Notes: SE*Number of Segments*TRAN SET CONTROL #

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SE01	96	Number of Included Segments	M	N0 1/10
			Total number of segments included in a transaction set in and SE segments	cludi	ing ST
M	SE02	329	Transaction Set Control Number	M	AN 4/9
			Identifying control number that must be unique within the functional group assigned by the originator for a transaction		